REGIONAL SCREENING AND COORDINATING COMMITTEE (RSCC)
WESTERN & NORTHERN REGION

1987
REGISTRATION/ACTIVITY REPORT

Compiled and Edited by: D. Lorieau
Environmental Protection
Western & Northern Region
Conservation & Protection
Regional Office

Environment Canada | Environnement Canada
Conservation and Protection | Conservation et Protection

Twin Atria #2
2nd Fl., 4999 - 98 Avenue
Edmonton, Alberta
T6B 2X3

Your file / Votre référence

Our file / Notre référence

1165-36/R39

May 30, 1988

CORE Members

Re: 1987 RSCC Annual Report

The Regional Screening and Coordinating Committee (RSCC) had another interesting and productive year in dealing with some 284 project referrals. The RSCC held 6 meetings, in Winnipeg, Edmonton, Yellowknife, Calgary, Regina and Vancouver (a joint meeting with the Pacific and Yukon RSCC), providing other departmental officials an opportunity to attend. The Province of Alberta now regularly sends representatives to Edmonton meetings and has been active in exchanging information as required by the Canada-Alberta Agreement on Environmental Impact Assessment. The RSCC also enjoyed representatives from CEARC, DIAND, CPG-Ottawa and FEARO in 1987.

Two RSCC field trips were held; in Alberta members toured the M.L.P.C. magnesium plant site in High River, the O-H Ranch near Longview, Kananaskis and Peter Lougheed Parks and viewed Olympic alpine sites; in Saskatchewan members viewed the Rafferty Dam site.

I hope that CORE will find this 1987 annual report acceptable.

Yours truly,

Nick Tywoniuk

N. Tywoniuk
Chairman, RSCC

Enclosure

Canada

REGIONAL SCREENING AND COORDINATING COMMITTEE (RSCC)
WESTERN & NORTHERN REGION

1987
REGISTRATION/ACTIVITY REPORT

Compiled and Edited by: D. Lorieau
Environmental Protection
Western & Northern Region
Conservation & Protection
Regional Office

TABLE OF CONTENTS

Part A - Project Action/Status

ALBERTA:

NW-4336	Banff Townsite Expansion (CWS)
NW-4339	Mt. Norquay Ski Area Development (CWS)
NW-619	Phase III Banff Highway Twinning Proposal (CORE)
NW-4409	Milk River Dam (IW/L)
NW-4412	Blood Indian Reserve Irrigation Proposal (IW/L)
NW-4263	Oldman River - Three Rivers Dam (IW/L)
NW-4201	General American Gas Plant - Ghost River (EP)
NW-4433	Daishowa Canada - Pulpmill - Peace River (EP)
NW-4435	MPLC Magnesium Processing Plant - High River (EP)
NW-4435-1	Commercial Trucking of Magnecite in the Kootenay Parkway (PARKS)
NW-4436	PWC Maintenance Dredging - Western & Northern Region (EP)
NW-4387	Four Mountain Parks - Kootenay Review (CWS)
NW-4387-1	Four Mountain Parks - Jasper Review (CWS)
NW-4440	DOT - Aircraft De-Icing - Western & Northern Region (EP)
NW-4438	Champion Forest Products (Alta.) Ltd. - Pulpmill expansion (EP)

SASKATCHEWAN:

NW-7160	Husky Oil Upgrader (EP)
NW-7156-1	Rafferty and Alameda Dams (IW/L)
NW-7146	Cigar Lake Test Mine (EP)
NW-7094	Beaverlodge Mine Decommissioning (EP)
NW-7161	Qu'Appelle River Conveyance Project (IW/L)
NW-7210	Luck Lake Irrigation Proposal (IW/L)
NW-7170	Redberry Lake Cottage Development Proposal (CWS)
NW-958	Collins Bay - Eagle Point Ore Deposits (EP)
NW-971	McClean Lake Ore Deposit (EP)
NW-917	Saskatchewan North Ore Deposit (EP)

MANITOBA

NW-2568	Manitoba Hydro - Limestone Hydro Project (IW/L)
NW-2370	Shoal Lake Indian Reserve 40; Cottage Sub-division Development (EP)
NW-2597	Pasquia Polder III (CWS)

NORTHWEST TERRITORIES

NW-6823	Beaufort Sea/Mackenzie Delta Region Hydrocarbon Production and Transportation (EP)
NW-10418	Highwood Resources - Thor Lake Beryllium Project (EP)
NW-10821	DND Low Level Flights (EP)
NW-10584	North Warning System (EP)
NW-11183	Neptune Resources Corp. - Colomac Gold Mine Project (EP)

TABLE OF CONTENTS

Part B - Registration/Activity Report

Table 1	1987 Cumulative Proposal Registration and Prescreen Data
Table 2	1987 Proposal Registration Data Grouped by Referring Agency
Table 3	1987 Proposal Registration Data Grouped by Lead Agency
Table 4	1987 Registered Proposals Referred for RSCC Decision
Table 5	Proposal Status Report Review - Inactive Projects
Table 6	1987 Regional Mining Committee Activity Sheet
Table 7	1987 Regional Dredging Committee Activity Sheet
Table 8	1987 Regional Hydrocarbon Committee Activity Sheet
Table 9	1987 Regional Hydropower Committee Activity Sheet
Table 10	1987 Regional Transportation Committee Activity Sheet
Table 11	1987 Regional Tar Sands and Heavy Oils Committee Activity Sheet
Table 12	1987 Committees - Ad Hoc
Table 13	1987 RSCC Special Activities
Table 14	Proposals Closed for RSCC purposes in 1987

Part C - Committee Structures

Membership Lists - RSCC and Regional Committees

PART A

PROJECT ACTION/STATUS

PROJECT ACTION/STATUS

ALBERTA

NW-4336	Banff Townsite Expansion (CWS)
NW-4339	Mt. Norquay Ski Area Development (CWS)
NW-619	Phase III Banff Highway Twinning Proposal (CORE)
NW-4409	Milk River Dam (IW/L)
NW-4412	Blood Indian Reserve Irrigation Proposal (IW/L)
NW-4263	Oldman River - Three Rivers Dam (IW/L)
NW-4201	General American Gas Plant - Ghost River (EP)
NW-4433	Daishowa Canada - Pulpmill - Peace River (EP)
NW-4435	MPLC Magnesium Processing Plant - High River (EP)
NW-4435-1	Commercial Trucking of Magnecite in the Kootenay Parkway (PARKS)
NW-4436	PWC Maintenance Dredging - Western & Northern Region (EP)
NW-4387	Four Mountain Parks - Kootenay National Park Management Plan Review (CWS)
NW-4387-1	Four Mountain Parks - Jasper National Park Management Plan Review (CWS)
NW-4440	DOT - Aircraft De-Icing, Western & Northern Region (EP)
NW-4438	Champion Forest Products (Alta.) Ltd. - Pulpmill expansion (EP)

PROJECT ACTION/STATUS

TOPIC:

NW-4336; Banff Townsite Expansion; DOE (Parks); Alberta

BACKGROUND:

The proposal calls for expansion of commercial and/or residential facilities outside the present boundary of Banff townsite in Banff National Park. Present Parks Canada policy prohibits commercial/recreational development outside of Banff townsite. However, there is considerable pressure for space within the townsite, resulting in pressure for expansion outside the present town limits.

KEY ISSUES:

Expansion of the townsite may further destroy the limited montane zone which provides essential habitat for overwintering large mammals and other wildlife. Attention is being focused on the area between the town and the traffic circle, where re-development of the land occupied by the old hotels and residences is possible. This area is important for overwintering animals and is already being encroached upon by the widening of the Trans-Canada Highway.

STATUS:

An Initial Environmental Evaluation (IEE) was prepared by Parks Canada and subsequently reviewed by the RSCC. Parks Canada is currently preparing a final IEE, based on comments received from the RSCC and other agencies solicited. It is anticipated that copies of the final IEE will be distributed to the RSCC for information purposes in February, 1988.

FUTURE ACTION:

No further action is anticipated. Project should be kept on the books at least until after the final IEE is received.

Prepared by: R. Edwards
Phone: (403) 420-2525
Originated: September 27, 1985
Updated: December 18, 1985
Updated: November 19, 1986 (R. Prach)
Updated: October 9, 1987 (P. Boothroyd)
Updated: January 11, 1988

Lead: CWS
Contact: P. Boothroyd
Phone: (204) 983-5261

PROJECT ACTION/STATUS

TOPIC:

NW-4339; Mt. Norquay Ski Area Development; DOE (Parks); Alberta

BACKGROUND:

The operator of the Mt. Norquay ski facility has plans to expand the existing facilities for recreational skiing at the Mt. Norquay facility in Banff National Park. A development plan document is to be submitted by the operator to Parks Canada which will form the basis of an IEE to be prepared by Parks Canada.

KEY ISSUES:

Potential impact of expansion of the ski facility on significant wildlife habitat and wildlife utilization of the area.

STATUS:

The proponent is in the process of rewriting the development plan. Consequently, the IEE is not expected to be prepared and distributed for review before late summer of 1988.

FUTURE ACTION:

Review of the IEE by the RSCC when available.

Prepared by: R. Edwards
Phone: (403) 420-2525
Originated: September 27, 1985
Updated: December 18, 1985
Updated: November 18, 1986 (R. Prach)
Updated: October 9, 1987 (P. Boothroyd)
Updated: January 1, 1988 (P. Boothroyd)
Updated: May 18, 1988 (P. Boothroyd)

Lead: CWS
Contact: P. Boothroyd
Phone: (204) 983-5261

PROJECT ACTION/STATUS

TOPIC:

NW-619; Phase III Banff Highway Twinning Proposal; DPW; Alberta

BACKGROUND:

During the past four years, DPW has widened a 27 kilometre stretch of the Trans-Canada Highway, from Banff National Park's east gate to Sunshine Village access road. The project was essential to alleviate the severe traffic congestion on this highway. Each of the first two phases (I:0-13 km and II:13-27 km) was approved, following public reviews led by federal environmental assessment panels, subject to stringent environmental standards. Department of Public Works (DPW) is seeking Cabinet approval to proceed with Phase III Banff Highway Twinning, an additional 45 kilometres at an estimated cost of $75 million over a 7 year period. An initial assessment of Phase III, from Sunshine to Lake Louise, has been completed by DPW. The success of mitigation of earlier phases contributed to a decision not to refer the Phase III to a panel review.

KEY ISSUES:

Continued high standard for environmental design, construction and monitoring.

STATUS:

DOE Minister has officially advised DPW that Phase III should have high priority. A public consultation program, coordinated by DPW and assisted by Parks Canada, was carried out in the fall of 1986; public turnout was light. Funding for Phase III construction will require Cabinet approval; a decision is expected in coincidence with announcements on Western Diversification Initiative. Design work and environmental studies started in 1986 and are continuing.

FUTURE ACTION:

Continue participation on project coordinating committees. Ensure that design and construction conforms with DOE objectives.

Prepared by: N. Tywoniuk
Phone: (403) 468-8063
Originated: October 8, 1985
Updated: December 18, 1985
Updated: February 07, 1986
Updated: July 04, 1986
Updated: January 23, 1987
Updated: July 27, 1987

Lead: RDGO
Contact: N. Tywoniuk
Phone: (403) 468-8063

PROJECT ACTION/STATUS

TOPIC:

NW-4409; Milk River Dam; Alberta; Agriculture Canada (PFRA)

BACKGROUND:

Construction of a dam on the Milk River has been proposed by Alberta Environment. The dam would be 41.5 metres high, 620 metres long and the forebay would encompass 1,853 hectares. The dam would be used as a storage reservoir for irrigation purposes, and would secure Canada's rightful share of water from the Milk River basin. Construction of this $30 million dam would enable irrigation of an additional 6,000 hectares, and provide a guaranteed water source for domestic and livestock use. The proposed dam site is 4 km downstream from the confluence of the North Milk and Milk Rivers, and about 14 km west of the town of Milk River. The environmentally important and sensitive Milk River Canyon is located 110 km downstream from the reservoir site.

KEY ISSUES:

Water quality and accurate measurements of water quantity will be key issues under the Boundary Waters Treaty of 1909, and the 1921 order of the International Joint Commission. The Milk River Valley is also the only location in Canada where many plant, insect, reptile and fish species specifically adapted to an arid ecosystem are known to occur. Impact of the proposed dam on rare or threatened species and the riparian plant community in the Milk River Canyon could also be issues.

STATUS:

Alberta Environment has completed several reports related to this project and is planning additional studies on water quality, biological resources and archaeological sites. Environment Canada reviewed nine reports related to this project and provided comments to Alberta Environment on August 27, 1987.

FUTURE ACTION:

IW/L will continue to assess quality and quantity of water in the Milk River at the eastern boundary crossing, and the RSCC will review EIA reports as required.

Prepared by: D.B. Donald
Phone: (306) 780-6544
Originated: January 22, 1986
Updated: July 05, 1986
Updated: November 24, 1986
Updated: January 29, 1987
Updated: January 20, 1988

Lead: IW/L
Contact: D.B. Donald
Phone: (306) 780-6544

PROJECT ACTION/STATUS

TOPIC:

NW-4412; Blood Indian Reserve Irrigation Proposal; Alberta; Indian Affairs, PFRA; Blood Indian Band

BACKGROUND:

In the early 1980s, an irrigation feasibility study by the Blood Indian Tripartite Committee (Alberta, DIAND, Blood Indian Band) recommended irrigation of 25,000 acres on the Big Lease area of the Blood Indian Reserve. Subsequent reviews by the Committee, Intergroup Consultants, and DOE concluded the project was technically and economically feasible. DOE found the EIA to be deficient with regard to a number of key issues related to irrigation, and consequently a revised IEE was prepared by PFRA in early 1988.

KEY ISSUES:

Wind erosion of topsoil, a major problem in this region, would be reduced. Waterfowl habitat could be developed at suitable sites within the project boundaries, possibly in association with programs by Ducks Unlimited or the North American Waterfowl Management Plan.

STATUS:

DIAND is presently securing funds for this project and will soon negotiate a cost-sharing formula between the Blood Indian Tribe, the Government of Alberta and the Government of Canada.

FUTURE ACTION:

The RSCC should continue to track this project and provide advice to the Tripartite Committee or its members as required. CWS should encourage and promote waterfowl habitat development as opportunities arise.

Prepared by: D.B. Donald
Phone: (306) 780-6544
Originated: November 26, 1986
Updated: January 29, 1987
Updated: January 20, 1988

Lead: IW/L
Contact: D.B. Donald
Phone: (306) 780-6544

PROJECT ACTION/STATUS

TOPIC:

NW-4263 Oldman River-Three Rivers Dam; Alberta; Indian Affairs

BACKGROUND:

After more than a decade of assessment and planning, Alberta Environment approved construction of a dam on the Oldman River at the Three River site near Brocket, Alberta. This site is 12 km upstream of the Peigan Indian Reserve. The Department of Indian Affairs and Northern Development (DIAND) is preparing to defend a statement of claim by the Peigan Nation in the Federal Court of Canada, tentatively in spring, 1988. The claim alleges impact from the dam on the reserve lands. In January 1987, DIAND asked Environment Canada to assist in their defense by evaluating environmental impacts on the reserve. Environment Canada resonded to this request by preparing assessment reports, dated February 20, 1987; May 8, 1987; and July 9, 1987. Environment Canada identified a number of potential impacts on reserve lands that could result from construction and operation of the Three Rivers Dam.

KEY ISSUES:

Crop damage from staging waterfowl, mercury contamination of fish, dust storms from reservoir, loss of swimming opportunities, riparian rights, long-term maintenance of cottonwood forests, water-shortages throughout the Oldman River basin.

STATUS:

Construction on the Oldman River dam is continuing, despite a successful court injunction by Friends of the Oldman River (FOR). The Regional Hydropower Committee and associates are continuing to review and assess reports provided by Alberta Environment and the Peigans.

FUTURE ACTION:

Environment Canada will continue to provide advice to DIAND as required.

Prepared by: D.B. Donald
Phone: (306) 780-6544
Originated: January 20, 1988

Lead: IW/L
Contact: D.B. Donald
Phone: (306) 780-6544

PROJECT ACTION/STATUS

TOPIC:

NW-4201; General American Oils Ltd.; Proposed Ghost River Sour Gas Project, Alberta; Indian Affairs

BACKGROUND:

General American Oils Ltd., a subsidiary of Phillips Petroleum Company, is proposing to construct a sour gas processing plant (507 10^3 m^3/d; 3.84 t/d of SO_2 emitted) on the Stoney Indian Reserve near Morley (NE-2-26-7 W5M). The proposed location is an old PanCanadian gas plant site. The project is a reactivation of an earlier (1981) proposal by another subsidiary of Phillips.

KEY ISSUES:

Air quality, sulphur recovery, conflict with recreational activities, visual impact, development on Indian land, site contamination by previous operations.

STATUS:

Project no longer being actively considered.

FUTURE ACTION:

Continue to monitor PanCanadian decommissioning.

Prepared by: F.J. Schulte, Alberta Environment
Phone: (403) 427-6209
Originated: September 15, 1986
Updated: July 24, 1987
Updated: March 14, 1988 (F. Zaal)

Lead: EP
Contact: F. Zaal
Phone: (403) 468-8004

PROJECT ACTION/STATUS

TOPIC:

NW-4433; Daishowa Canada Co. Ltd., Peace River Kraft Pulp Mill, Alberta; Western Diversification Office

BACKGROUND:

Daishowa Canada has proposed construction and operation of a new bleached kraft pulpmill on the Peace River, 16 km downstream from the town of Peace River. Annual production is expected to be in the order of 240,000 tonnes of hardwood (aspen) pulp and 82,000 tonnes of softwood pulp. Wood supply will be in the form of whole logs (hardwood) from new logging operations and chips (softwood) from existing sawmills within a 200 km radius of the town of Peace River.

KEY ISSUES:

Environment Canada has been requested to participate in the review of an EIA prepared within the Alberta Environmental Assessment process. The project has been referred to DOE under the Canada/Alberta Sub-Agreement on EIA.

Federal interests in the project include:

a) Water Quality - The Pulp and Paper Effluent Regulations under the Fisheries Act apply. An opportunity exists to promote installation of "best available treatment technology" for parameters such as BOD, TSS, toxicity, etc.
b) Air Quality - The facility will be subject to the Clean Air Act - Wood Pulping Industry National Emission Guidelines for New Stationary Sources. There is an opportunity to promote best available technology for parameters such as particulates, SO_2 and odour.
c) Dioxins - The process used to produce bleached kraft pulp utilizes chlorine and chlorine dioxide CLO_2 as bleaching agents. Production of dioxins has been associated with this process. Dioxins are among the most toxic organic compounds produced by man. The significance of dioxins in wastes or products from pulpmills is under close evaluation in Canada and the U.S. Any new bleached kraft mill can be expected to be subjected to close scrutiny.
d) Downstream Water Use - Indian reserves and Wood Buffalo National Park are located downstream from the proposed pulpmill. Concerns about water quality and toxic chemicals (i.e. dioxins) could be related to these federal lands.
e) Fisheries - Commerical, recreational and domestic fisheries exist along the waterway. Species of interest include whitefish, walleye, goldeye, etc. Concerns about the potential for tainting could be raised.
f) Migratory Birds - Concerns could be raised about potential long-term effects of waste discharges on waterfowl (e.g. reproductive capability) or waterfowl in the Peace/Athabasca delta. If the woods operations are included in the EIS, concerns about forest management impacts on migratory birds could be raised.

.../2

g) Forest Management - Interest is expected from the public in including the woods operations/forest management agreements in the EIS. Federal interest in this should be peripheral as long as federal funding is not involved.

h) Federal Funding - The Western Diversification Office provided 150 K towards completion of the project definition feasibility study and federal funding in the order of $9.5 million will be made available for project development; contingent upon environmental acceptability.

STATUS:

Technical review of Daishowa documents distributed January 15, 1988 were completed February 26, 1988. The review identified substantial non-confidence in the projected impacts as a result of inadequate project description and emission characterization, and inappropriate data analysis. Review comments forwarded to ADOE and WDO March 10, 1988.

FUTURE ACTION:

The Company's response to the deficiencies statement will be reviewed. Monitor licensing and construction/operations as required.

Prepared by: F. Zaal
Phone: (403) 468-8004
Originated: March 15, 1988

Lead: EP
Contact: F. Zaal
Phone: (403) 468-8004

PROJECT ACTION/STATUS

TOPIC:

NW-4335 - Magnesium Processing Plant; High River; Alberta; The Magnesium Company of Canada Ltd.

BACKGROUND:

This project involves the construction of a magnesium production facility between High River and Aldersyde, off Highway 2A, south of the City of Calgary.

Magnesium ore for the plant will come from Baymag Mines Limited in the Mount Brussiloff area near Radium, B.C.

KEY ISSUES:

Key issues of concern are air qualtiy and water quality. The increased use of the Parkway by 3 - 4.5 thousand truckloads of ore being hauled from the mine to the production facility and consequent conflict regarding public safety visitor enjoyment of park facilities and ungulate collisions.

STATUS:

Licensing is underway. Construction was initiated in March, 1988.

FUTURE ACTION:

Monitor plant construction/operations as/if required.

Prepared by: F. Zaal, Alberta District Office
Phone: (403) 468-8004
Originated: March 17, 1988

Lead: EP
Contact: F. Zaal
Phone: (403) 468-8004

PROJECT ACTION/STATUS

TOPIC:

NW-4335-1; Commercial Trucking of Magnesite on the Kootenay Parkway; Parks; The Magnesium Company of Canada Ltd.

BACKGROUND:

The Kootenay Parkway is an important highway route between the Columbia Valley in British Columbia and Alberta. Use of the Parkway for transport of resource materials has gradually increased over the past two decades. New industrial activities in Alberta may result in significantly greater transport of ore from mines in the Columbia Valley to processing plants in Alberta. The issue is addressed in the Kootenay Park Management Plan, and a draft IEE was prepared in early 1987. A summary of the major concerns identified in the IEE was distributed to the public at public meetings.

KEY ISSUES:

Construction of a magnesite processing plant at High River will process ore mined near Kootenay National Park. The material may then be hauled through Kootenay and Banff National Parks. Although the environmental impacts of the plant were addressed in an environmental impact assessment, transport of ore to the site was not.

Increasing use of the Kootenay Parkway by commercial vehicles may detract from park visitors' opportunities to safely enjoy and appreciate Kootenay National Park. It could also result in impacts to park resources, especially wildlife mortality from vehicle collision.

Methods to reduce the impacts of commercial trucking to park resources and visitor use could have negative socio-economic impacts to businesses and communities in the surrounding region.

STATUS:

Information collection to determine the impact of trucking to wildlife populations in Kootenay National Park is underway. Research to identify the effects of trucking to park visitors, and an examination of the socio-economic impacts which would result from various controls on commercial truck traffic are to be completed by the end of July, 1988.

FUTURE ACTION:

Information collection is to be completed by the end of July, 1988. The draft IEE will then be revised to address the wide range of issues (e.g. socio-economic, resource protection, legal, infrastructure) and identify possible courses of action for traffic management on the Kootenay Parkway. Anticipated date for the completion of the draft IEE is late September, 1988, with public meetings to follow during fall, 1988. A final IEE incorporating public values is expected in late 1988.

Prepared by: B. Beswick
Phone: (403) 292-4412
Originated: February 22, 1988

Lead: Canadian Parks Service
Contact: B. Leeson
Phone: (403) 292-4438

PROJECT ACTION/STATUS

TOPIC:

NW-4436; Public Works Canada; Maintenance Dredging, Manitoba, Alberta, Northwest Territories

BACKGROUND:

Public Works Canada (PWC) undertakes a regular program of maintenance dredging on several major waterways in the Prairie provinces (Red River/Lake Winnipeg, Athabasca River/Clearwater River) and Northwest Territories (Hay River, Great Slave Lake, Mackenzie River). Environmental Screening to meet the requirements of the EARP Order-In-Council has been ongoing but has been ad hoc with limited attention to the technical soundness of predictions made, effectiveness of mitigative measures proposed or efficiency of repetitive screening (ie yearly) of the same projects. Environment Canada (DOE) and DFO suggested in 1986 and 1987 reviews undertaken for PWC (EP Lead, Regional Dredging Committee support) that PWC consider utilizing a technique employed in the province of Ontario for assessment of minor or repetitive projects; "class assessment" to improve the quality of Initial Assessment and improve efficiency for PWC and review agencies; in subsequent screening of maintenance dredging in the W&N Region. PWC agreed to this approach in late September, 1987.

KEY ISSUES:

Maintenance dredging impacts are largely site specific. Concerns may relate to: disposal of contaminated sediments, water quality, habitat degradation for fish and wildlife, incompatibility with local land uses (eg. recreation), etc. Issues will be confirmed as part of the class assessment.

STATUS:

PWC is in the process of finalizing terms of reference for the study. A contractor has been chosen and is developing a detailed proposal for PWC. DOE/DFO advice is being provided to PWC on an ongoing basis.

FUTURE ACTION:

A draft Class Environmental Assessment will be available for review in late 1988. Reviews of revised documents and a workshop to resolve outstanding concerns/issues are also likely in FY 1988/89.

Prepared by: W. Fenton
Phone: (403) 468-8013
Originated: January 12, 1988
Updated: March 31, 1988

Lead: EP
Contact: W. Fenton
Phone: (403) 468-8013

PROJECT ACTION/STATUS

TOPIC:

NW-4387; Four Mountain Parks - Kootenay National Park Management Plan Review; Parks

BACKGROUND:

EC/Parks has completed a management plan for Kootenay National Park, one of the four national parks in the Rocky Mountains known collectively as the Four Mountain Parks. In addition to preparing the management plan itself, the environmental and socio-economic impacts associated with implementation of the plan were analyzed and reported on in a document entitled "Socio-economic and Environmental Impact Analysis of the Kootenay National Park Management Plan".

EC/Parks requested the RSCC to review and comment on the portion of their impact analysis dealing with environmental aspects.

KEY ISSUES:

Management policies and activities proposed may have implications to preservation and management of wildlife habitat and wildlife populations, pollution control and waste management.

STATUS:

The review was completed and comments forwarded to EC/Parks.

FUTURE ACTION:

No further involvement of the RSCC is anticipated.

Prepared by: P.N. Boothroyd
Phone: (204) 983-5261
Originated: January 13, 1988

Lead: CWS
Contact: P.N. Boothroyd
Phone: (204) 983-5261

PROJECT ACTION/STATUS

TOPIC:

NW-4387-1; Four Mountain Parks - Jasper National Park Management Plan Review; Parks

BACKGROUND:

EC/Parks has completed a management plan for Jasper National Park, one of the four national parks in the Rocky Mountains known collectively as the Four Mountain Parks. In addition to preparing the management plan itself, the environmental and socio-economic impacts associated with implementation of the plan were analyzed and reported on in a document entitled "Socio-economic and Environmental Impact Analysis of the Jasper National Park Management Plan".

EC/Parks requested the RSCC to review and comment on the portion of their impact analysis dealing with environmental aspects.

KEY ISSUES:

Management policies and activities proposed may have implications to preservation and management of wildlife habitat and wildlife populations, pollution control and waste management.

STATUS:

The review was completed and comments forwarded to EC/Parks.

FUTURE ACTION:

No further involvement of the RSCC is anticipated.

Prepared by: P.N. Boothroyd
Phone: (204) 983-5261
Originated: February 13, 1988

Lead: CWS
Contact: P.N. Boothroyd
Phone: (204) 983-5261

PROJECT ACTION/STATUS

TOPIC:

NW-4440; Aircraft De-icing at Major Airports, DOT

BACKGROUND:

Glycol based fluids are used to de-ice aircraft. A portion of the fluids spill onto the runways and enter airport stormwater collection systems. High levels of glycol and biochemical oxygen demand have been found in stormwater during de-icing season. Transport Canada has not implemented measures to control glycol pollution.

KEY ISSUES:

Unable to confirm at this time; will be component of IEE review and may include water quality and waste disposal concerns.

STATUS:

DOT is preparing an IEE on the use of glycol based fluids at eight major federal airports including Calgary, Winnipeg and Regina. DOT has requested that the W&NR RSCC participate in the review of the IEE (March or April, 1988).

FUTURE ACTION:

The RSCC will review the IEE when it is completed.

Prepared by: Kath Rothwell
Phone: (403) 468-8016
Originated: January 07, 1988

Lead: EP (EQB)
Contact: Kath Rothwell
Phone: (403) 468-8016

PROJECT ACTION/STATUS

TOPIC:

NW-4438 - Champion Forest Products (Alta.) Limited; Pulpmill expansion

BACKGROUND:

Champion Forest Products (Alberta) Limited has proposed the modernization and expansion of the Hinton Bleached Kraft Pulp Mill to double existing capacity from 555 AD tonnes/day to 1095 tonnes/day.

Environment Canada participation in the review of the proposal involved the response by the proponent of the deficiency statement prepared within the Alberta Environmental Assessment process.

KEY ISSUES:

Environment Canada has been requested to participate in the review of an EIA prepared within the Alberta Environmental Assessment process. The project has been referred to DOE under the Canada/Alberta Sub-Agreement on EIA.

Federal interests in the project include:

a) Water Quality - The Pulp and Paper Effluent Regulations under the Fisheries Act apply. An opportunity exists to promote installation of "best available treatment technology" for parameters such as BOD, TSS, toxicity, etc.

b) Air Quality - The facility will be subject to the Clean Air Act - Wood Pulping Industry National Emission Guidelines for New Stationary Sources. There is an opportunity to promote best available technology for parameters such as particulates, SO_2 and odour.

c) Dioxins - The process used to produce bleached kraft pulp utilizes chlorine and chlorine dioxide CLO_2 as bleaching agents. Production of dioxin has been associated with this process. Dioxins are among the most toxic organic compounds produced by man. The significance of dioxins in wastes or products from pulpmills is under close evaluation in Canada and the U.S. Any new bleached kraft mill can be expected to be subjected to close scrutiny.

d) Fisheries - Commericial, recreational and domestic fisheries exist along the waterway. Species of interest include whitefish, walleye, goldeye, etc. Concerns about the potential for tainting could be raised.

e) Forest Management - Interest is expected from the public in including the woods operations/forest management agreements in the EIS. Federal interest in this should be peripheral as long as federal funding is not involved.

STATUS:

Federal review comments transmitted to ADOE February 17, 1988.

FUTURE ACTION:

Company's response to deficiencies statement to be reviewed.

Prepared by: F. Zaal
Phone: (403) 468-8004
Originated: March 17, 1988

Lead: EP
Contact: F. Zaal
Phone: (403) 468-8004

PROJECT ACTION/STATUS

SASKATCHEWAN

NW-7160	Husky Oil Upgrader (EP)
NW-7156-1	Rafferty and Alameda Dams (IW/L)
NW-7146	Cigar Lake Test Mine (EP)
NW-7094	Beaverlodge Mine Decommissioning (EP)
NW-7161	Qu'Appelle River Conveyance Project (IW/L)
NW-7210	Luck Lake Irrigation Proposal (IW/L)
NW-7170	Redberry Lake Cottage Development Proposal (CWS)
NW-958	Collins Bay - Eagle Point Ore Deposits (EP)
NW-971	McClean Lake Ore Deposit (EP)
NW-917	Saskatchewan North Ore Deposit (EP)

PROJECT ACTION/STATUS

TOPIC:

NW-7160; Husky Oil Upgrader; EM&R; Saskatchewan/Alberta

BACKGROUND:

This project involves the construction of a 54,000 barrel-per-day upgrader plant three kilometres southeast of Lloydminster, Saskatchewan, and production facilities and ancillary structures in both Alberta and Saskatchewan. The estimated capital cost is $1.4 billion and the estimated annual operating cost is $95 million. At present, the decision to proceed has been placed 'on hold', but will be reviewed in six months.
As federal loan guarantees are required from Energy, Mines and Resources to finance the project, they are the federal initiator.
The Federal Government agreed to work within the environmental assessment framework of the Saskatchewan Provincial Government.

KEY ISSUES:

Conditions of the Federal Environmental Assessment Review process must be met and this is being accommodated partially within the provincial process. This eliminated the need for two separate formal environmental impact reviews plus allowed Energy, Mines and Resources to meet its obligations under the Environmental Assessment and Review Process.

STATUS:

Environment Canada reviewed the proposed EIS guidelines in the fall of 1984, and in October, 1984, provided pertinent advice to both the Saskatchewan government and to the Department of Energy, Mines and Resources (initiator). Environment Canada also reviewed the Husky Oil Ltd. "Baseline Data Report", and in December, 1984, provided advice to Saskatchewan on dispersion modelling, climate, air and water quality, limnology and wildlife.

Environment Canada completed it's review of the impact statement in May, 1985; the public review period for the EIS extended Ministerial approval from the Saskatchewan Minister of Environment.

The project is "on hold". (August, 1987)

FUTURE ACTION:

Environment Canada will provide comments to Saskatchewan Environment during the approval process for the disposal of wastewater from the upgrader. Husky's present favoured option is to deep well injection of wastewater.

Prepared by: John Witteman
Phone: (306) 780-6464
Originated: October 1, 1985
Updated: December 10, 1985
Updated: February 12, 1986
Updated: July 15, 1986
Updated: August 19, 1987

Lead: EP
Contact: John Witteman
Phone: (306) 780-6464

PROJECT ACTION/STATUS

TOPIC:

NW-7156-1; Rafferty and Alameda Dams; Souris Basin Development Authority; Saskatchewan Environment and Public Safety

BACKGROUND:

Plans have been announced by the Saskatchewan Government for the construction of a 300 MW thermal generating station at Shand, 10 kilometers southeast of Estevan, and the Rafferty Dam located 10 kilometers northwest of Estevan on the Souris River. The Alameda Dam will be constructed on the Moose Mountain Creek, 55 kilometers northeast of Estevan. Both dams will be used for flood protection, recreation, and irrigation. The Rafferty Dam will also provide the cooling water for the 300 MW power plant.

American funding ($41,100,00 US) has been secured for this project to aleviate flood damage in North Dakota.

KEY ISSUES:

The Souris River is an international river; federal obligations exist pursuant to the International River Improvements Act, the Boundary Waters Treaty, the Navigable Waters Protection Act, and the Fisheries Act. The federal issues of prime interest are water quality, waterfowl mitigation and public safety.

STATUS:

The Environmental Impact Statement (EIS) for Rafferty and Alameda dams was completed in 1987 and was reviewed by the Government of Canada. Comments were forwarded to Saskatchewan Environment and Public Safety. Public submissions on the project were presented before a Board of Inquiry who will also forward their recommendations to the Government of Saskatchewan.

FUTURE ACTION:

Environment Canada, Transport Canada and the International Joint Commission will pursue their interests in this project as it proceeds.

Prepared by: D.B. Donald
Phone: (306) 780-6544

Originated: September 1985 (J. Harrison, EP)
Updated: December 19, 1985
Updated: February 14, 1986
Updated: July 09, 1986
Updated: November 05, 1986
Updated: January 29, 1987
Updated: November 20, 1987

Lead: IW/L
Contact: D. Donald
Phone: (306) 780-6544

PROJECT ACTION/STATUS

TOPIC:

NW-7146; Cigar Lake Test Mine; Cigar Lake Mining Development Corporation; Saskatchewan

BACKGROUND:

This project was previously called Waterbury Lake, SERU, and COGEMA. The uranium deposit, which is the richest found to date in Saskatchewan, averages 14 percent uranium, with proven reserves of 130 million kilograms; inferred reserves are 45 million kilograms, at a lower grade of 4 percent. The Cigar Lake Mining Corporation was formed to manage the development of a mine and to ensure that provincial and federal requirements are met. If developed, this will be the largest uranium mine in the world.

KEY ISSUES:

Potential large scale environmental impacts, including release of radioactive elements, terrain disturbances and disruption of fish and wildlife resources.

STATUS:

During 1987 the Regional Mining Committee reviewed the Environmental Impact Statement for a test mine. Approval to proceed has been received from the Atomic Energy Control Board and Saskatchewan Environment and Public Safety. Test mining should commence early in 1988. Cigar Lake Mining Development Corporation is currently designing an environmental monitoring program for the mine.

FUTURE ACTION:

Advise AECB, SEPS and the company on environmental monitoring. Prepare to review an Environmental Impact Statement for possible full scale mining which could be received in 1990.

Prepared by: John Witteman/Dennis Lawson
Originated: October 1, 1985
Updated: December 19, 1985
Updated: February 12, 1986
Updated: January 16, 1987
Updated: November 17, 1987 (D. Lawson)

Lead: EP
Contact: D. Lawson
Phone: (306) 780-6462

PROJECT ACTION/STATUS

TOPIC:

NW-7094; Beaverlodge Mine Decommissioning; Eldorado Resources Limited; Saskatchewan

BACKGROUND:

In December, 1981, Eldorado Resources Limited announced the closure of its mine near Uranium City, Saskatchewan. In June, 1982, Eldorado submitted a reclamation plan to the regulatory agencies. The approach to decommissioning was to protect the surrounding natural environment by employing good engineering practices to ensure long-term stability of the site. Radioactive and non-radioactive constituents released to the environment at the end of post-decommissioning monitoring should not exceed Saskatchewan Surface Water Quality Objectives at final points of control.

KEY ISSUES:

The reclamation of the grounds and subsequent transfer of ownership to the province, is dependent on runoff meeting model predictions of Surface Water Quality Objectives. Should compliance with the modelling predictions not be achieved, ownership would remain with Eldorado. The regulatory agencies are also concerned about the stability of rock covers; including permafrost action, piping, settlement, rates and effects of revegetation, and shoreline erosion. The long-term integrity of three small dams is under surveillance.

STATUS:

The reclamation was completed in July, 1985, and joint annual inspections have since been conducted by the regulatory agencies. The final points of control will be monitored for a period of three to seven years. If the monitoring shows sufficient compliance with Saskatchewan Surface Water Quality Objectives, and if annual inspections indicate the effective long-term containment of the tailings, ownership of the site will be transferred to the province. Two of the three small dams were upgraded in 1987 and some areas of excessive settlement were repaired.

FUTURE ACTION:

EP and AECB will make annual inspections of the site and sample the runoff, as deemed necessary, to confirm results provided by the company and the province. EP will involve the Regional Mining Committee as required.

Prepared by: John Witteman/Dennis Lawson
Originated: October 1, 1985
Updated: December 19, 1985
Updated: February 12, 1986
Updated: January 16, 1987
Updated: November 17, 1987 (D. Lawson)

Lead: EP
Contact: D. Lawson
Phone: (306) 780-6462

PROJECT ACTION/STATUS

TOPIC:

NW-7161; Qu'Appelle River Conveyance Project; Saskatchewan Water Corporation; Saskatchewan

BACKGROUND:

Under a 5-year Canada-Saskatchewan Agreement, a program was initiated in 1984 to increase the bank full conveyance capacity of the Qu'Appelle River to 14.16 m^3/s, primarily for the reach between Craven and Pasqua Lake. Total cost of the project is 4.75 million, of which $400,000 has been approved for fisheries mitigation works. When complete, the project will greatly improve the operational versitility of the basin water resources and provide some flood relief.

KEY ISSUES:

Impact of the project on fish populations. Increased sediment transport prior to re-establishment of vegative cover could also have negative impact on aquatic resources.

STATUS:

The Qu'Appelle conveyance project is proceeding with an estimated $900,000 to be spent during 1987/88, predominantly on spoil pile shaping.

FUTURE ACTION:

DOE, DIAND, and DFO will continue to monitor the project and provide advice as required.

Prepared by: D.B. Donald
Phone: (306) 780-6025
Originated: February 03, 1986
Updated: July 08, 1986
Updated: November 13, 1987

Lead: IW/L
Contact: L.H. Wiens
Phone: (306) 780-5329

PROJECT ACTION/STATUS

TOPIC:

NW-7210; Luck Lake Irrigation Proposal; Saskatchewan Power Corporation, Agriculture Canada

BACKGROUND:

In October 1986, Agriculture Canada signed a 7-year $100 million irrigation development program agreement with the Saskatchewan Water Corporation. Canada will provide $50 million toward the "Canada-Saskatchewn Subsidary Agreement on Irrigation Based Economic Development."

Under the Agreement, projects are to be reviewed according to both the Federal EARP and "The Environmental Assessment Act" (Saskatchewan), and the projects are to be coordinated with federal and provincial departments implementing wetlands development and recreation programs.

As part of the Agreement, the Luck Lake irrigation project will be implemented in the near future. This $19 million project is situated north of Lake Diefenbaker; will be a pump and pipe distribution system; and when completed will irrigate 6,700 acres. Environmental impacts of the project have been judged to be insignificant by Saskatchewan Water Corporation, and therefore an Environmental Impact Statement will not be prepared.

There is considerable potential to enhance waterfowl production, and Ducks Unlimited will develop at least one marsh (Luck Lake) that will be associated with this project.

KEY ISSUES:

Soil salanization throughout the project boundaries; return flows to Lake Diefenbaker; disruption of wildlife habitat.

STATUS:

Saskatchewan Water and Agriculture Canada will proceed with the Luck Lake Project and construction should begin in 1988.

FUTURE ACTION:

DOE will monitor this project and provide advice as required. CWS should examine the project for its potential for waterfowl habitat development, and potential impact on rare and endangered species (eg. burrowing owl).

Prepared by: D.B. Donald
Phone: (306) 780-6544
Originated: November 25, 1986
Updated: January 29, 1987
Updated: November 20, 1987

Lead: IW/L
Contact: D.B. Donald
Phone: (306) 780-6544

PROJECT ACTION/STATUS

TOPIC:

NW-7170; Redberry Lake Cottage Development Proposal; Redberry Development Corporation; Saskatchewan

BACKGROUND:

The water and islands of Redberry Lake, located 100 km northwest of Saskatoon, Saskatchewan, constitute a Migratory Bird Sanctuary. The lake is surrounded by a narrow zone of aspen parkland. Larger blocks of natural habitat in the northeast and southwest corners are provincial crown land designated as "critical and important wildlife habitat." Pelican Island within the Sanctuary supports a large colony of (threatened) white pelicans (240 pairs) and double-crested cormorants (53 pairs). Forty piping plovers (endangered) were counted along the shoreline in 1984. All told, the lake and surrounding area supports at least 150 species of birds: ducks including white-winged scoters, gulls, terns, shorebirds and songbirds.

In 1985, the Redberry Development Corporation announced their intention to build a 400 lot cottage subdivision with a mobile home park, campground, hotel and marina on approximately 160 acres bordering the southwest portion of the lake.

KEY ISSUES:

The potential threat to birds and their habitat posed by the development aroused widespread concern. The Canadian Wildlife Service and other government agencies, particularly the Saskatchewan Department of Parks and Renewable Resources, as well as other conservation oriented organizations; World Wildlife Fund, Saskatchewan Natural History Society, Saskatoon Natural History Society, Saskatchewan Wildlife Federation; expressed concern.

STATUS:

The Canadian Wildlife Service and the Saskatchewan Wildlife Branch conducted a comprehensive inventory of the wildlife and wildlife habitat of the Redberry Lake Complex. A joint report presented those data complete with a set of managment recommendations for maintaining the wildlife values of Redberry Lake. The development proposal was rejected by the Director of Community Planning based on the argument that the proposed development was incompatible with the wildlife values of the area. That decision was upheld by the Development Appeal Board pending the results of an environmental impact statement. No EIS has been prepared yet even though the Minister of Saskatchewan Environment is adamant that one is required.

The municipal government has entered into a management planning program for Redberry Lake which includes representation by Canadian Wildlife Service (Phil Taylor, CWS, Saskatoon). The planning group is to evaluate all potential land uses, particularly in the area of tourism and related development opportunities, taking into account associated socio-economic and wildlife resource management concerns. The group is expected to complete a report on its findings in approximately one year from now (December, 1988).

.../2

FUTURE ACTION:

Should an EIS be prepared before the planning group's report has been completed, an EIS reivew by the RSCC can be expected. However, the issue may lie dormant while the planning work is being carried out.

Prepared by: R.W. Prach
Phone: (403) 420-2525
Originated: December 12, 1986
Updated: December 2, 1987 (P.N. Boothroyd)

Lead: CWS
Contact: P.N. Boothroyd
Phone: (204) 983-5261

PROJECT ACTION/STATUS

TOPIC:

NW-958; Collins Bay - Eagle Point Ore Deposits; Eldorado Resources Limited, Saskatchewan

BACKGROUND:

Eldor Mines, the mining division of Eldorado Resources Limited, a federal Crown corporation, operates the Rabbit Lake/Collins Bay uranium mine and mill facilities near Wollaston Lake in northern Saskatchewan. The original Rabbit Lake mine operated from 1975 until 1984. Currently the Rabbit Lake mill is processing ore from the Collins Bay B-zone deposit. However, this deposit will be mined out by 1991. Three neighbouring uranium deposits are under consideration for future mining. Decommissioning studies of the Rabbit Lake mine and tailings are underway.

KEY ISSUES:

Potential environmental impacts, including release of radioactive elements and heavy metals, terrain disturbances and disruption of fish and wildlife resources. All three future mines are partially under the waters of Collins Bay and there could be considerable public concern.

STATUS:

Eldor Mines is seeking approval from the Atomic Energy Control Board (AECB) and Saskatchewan Environment and Public Safety (SEPS) to produce uranium from two small deposits - the Collins Bay A-zone and D-zone. These small mines would be mined in less than two years. The company is also requesting permission to carry out further underground exploration and test mining at Eagle Point, a larger deposit which would be mined into the next century. The final Environmental Impact Statement is under review by the Regional Mining Committee. Approval to proceed could be granted by the end of 1987.

FUTURE ACTION:

Complete the current Regional Mining Committee review and continue to advise AECB and SEPS on the design of a new environmental monitoring program and related studies. Prepare for the 1990 review of a proposal for full scale mining at Eagle Point.

Prepared by: Dennis Lawson
Phone: (306) 780-6462
Originated: January 16, 1987
Updated: November 17, 1987

Lead: EP
Contact: D. Lawson
Phone: (306) 780-6462

PROJECT ACTION/STATUS

TOPIC:

NW-971; McClean Lake Ore Deposit; Minatco Ltd.; Saskatchewan

BACKGROUND:

Discovery of this uranium deposit in 1978 was followed by five years of baseline environmental monitoring from 1979 to 1983. Each of the five separate reports was individually reviewed by the Regional Mining Committee. Preliminary estimates indicate 6 million kg of ore grading 1.2% U_3O_8.

KEY ISSUES:

Release of radionuclides to the terrestrial and aquatic environments.

STATUS:

The company plans to conduct a major pump test in 1988 at the site of an underground test mine, with an Environmental Impact Statement for test mining to follow in 1989.

FUTURE ACTION:

Review Environmental Impact Statement and advise the Atomic Energy Control Board and Saskatchewan Environment and Public Safety.

Prepared by: Dennis Lawson
Phone: (306) 780-6462
Originated: November 17, 1987

Lead: EP
Contact: D. Lawson
Phone: (306) 780-6462

PROJECT ACTION/STATUS

TOPIC:

NW-917; Saskatchewan North Ore Deposit; Denison Mines Limited; Saskatchewan

BACKGROUND:

The Saskatchewan North uranium deposit, referred to as the Midwest deposit by its previous owners, was discovered in 1978. Drilling has substantiated reserves of more than 25 million kg of uranium grading about 1.25% U_3O_8. The company is preparing to assess the feasibility of underground mining.

KEY ISSUES:

Release of radionuclides to the terrestrial and aquatic environments.

STATUS:

Environmental Protection reviewed a preliminary project proposal in October, 1987. The proposal calls for test mining and makes reference to the extensive three volume Environmental Impact Statement, EIS Summary and eleven Supporting Documents of the previous operator, Canada Wide Mines Ltd., which were reviewed in 1982. The Regional Mining Committee could be called upon to review the revised project proposal early in 1988. Saskatchewan Environment and Public Safety will have this proposal written in the form of a comprehensive, yet necessarily abbreviated, EIS.

FUTURE ACTION:

Review Environmental Impact Statement and advise the Atomic Energy Control Board and Saskatchewan Environment and Public Safety.

Prepared by: Dennis Lawson
Phone: (306) 780-6462
Originated: November 17, 1987

Lead: EP
Contact: D. Lawson
Phone: (306) 780-6462

PROJECT ACTION/STATUS

MANITOBA

NW-2568	Manitoba Hydro - Limestone Hydro Project (IW/L)
NW-2370	Shoal Lake Indian Reserve 40; Cottage Sub-division Development (EP)
NW-2597	Pasquia Polder III (CWS)

PROJECT ACTION/STATUS

TOPIC:

NW-2568; Limestone Hydro Project; Manitoba Hydro, Nelson River; Manitoba

BACKGROUND:

Construction of the Manitoba Hydro Development Project at Upper Limestone Rapids, lower Nelson River, Manitoba (known as "Limestone Project") resumed April, 1985, two years ahead of original schedule. The project is located 25 km downstream of the Long Spruce Generating Station and will be a "run-of-the-river" operation. The project powerhouse cofferdam was built during 1976 to 1978. Work was postponed thereafter, because of an unfavorable economic environment. Construction activities were renewed in 1985 after 42% of Limestone's output (500 megawatts) was purchased by the Northern States Power Co. At an estimated cost of $3.2 billion, the five to eight year development is reportedly the largest single construction project in North America. Power production will start in 1990 at 500 megawatts and will increase to 1280 megawatts by 1993. Direct employment will rise from 400 jobs in 1985 to a peak of 1,800 by 1987.

KEY ISSUES

Environmental impact; potential impact on populations of endemic brook trout and sturgeon in the Limestone forebay, Nelson River, and tributaries. The Project had previously received environmental approval in the 1970's.

STATUS:

Manitoba Hydro has hired an Environmental Inspector who lives on-site and ensures effective prevention of environmental impacts as construction progresses. Long-term monitoring of environmental impacts of this project is planned. Federal (DOE/DFO) and Provincial Departments and Agencies reviewed the Limestone Generating Station Environmental Impact Study and found it to be acceptable. The mechanism for continued federal-provincial review and advice is through the Limestone Environmental Impact Liason Committee.

FUTURE ACTION

DOE, DFO and DIAND will continue to monitor the project and to provide advice to the Limestone Environmental Impact Liaison Committee as required.

Prepared by: D.B. Donald
Phone: (306) 780-6025
Originated: August 22, 1985
Updated: December 9, 1985
Updated: January 23, 1986
Updated: January 29, 1987
Updated: March 15, 1988 (no change)

Lead: IW/L
Contact: R. Halliday
Phone: (306) 780-5319

PROJECT ACTION/STATUS

TOPIC:

NW-2370; Shoal Lake Indian Reserve (I.R.) 40; Cottage Sub-division Development; DIAND: Manitoba/Ontario

BACKGROUND:

Shoal Lake I.R. 40 Band proposes to develop a 350 lot cottage sub-division on I.R. land; the site is near the intake for the City of Winnipeg drinking water supply. I.R. 40 straddles the Manitoba/Ontario border. Project referred to FEARO by DIAND, March, 1980; FEARO Panel established. Environmental Impact Statement (EIS) submitted to FEARO Panel by DIAND, June, 1984. DOE/DFO reviewed EIS and submitted deficiency statement to FEARO Panel, August, 1984; Indian Affairs addressed identified deficiencies, and submitted response to FEARO Panel, late, 1984. DOE is providing advice to Indian Affairs with respect to sewage and solid waste management on I.R. 40 and is monitoring activities of the several interested parties. Action by FEARO Panel in abeyance, pending results of four party discussions (federal and provincial governments, City of Winnipeg and Shoal Lake I.R. 40 Band) towards possible 'buy out' of Indian development rights on I.R. 40. DOE/DFO has prepared draft brief for submission to FEARO Panel, if public hearings are to be held.

KEY ISSUES:

Potential threat to Shoal Lake water quality and to fisheries resources. Potential threat to City of Winnipeg drinking water supply.

STATUS:

FEARO Panel action 'on hold' pending conclusion of four party negotiations.

FUTURE ACTION:

Continue to monitor progress of negotiations towards possible 'buy out'. Continue to provide advice to DIAND on sewage and solid waste management on Shoal Lake I.R. 40.

Prepared by: H.C.R. Gavin
Phone: (403) 468-8014
Originated: December 9, 1985
Updated: December 9, 1985
Prepared by: B.W. Briscoe
Updated: July 18, 1986
Updated: February 2, 1987 (no change)
Updated: August 4, 1987

Lead: EP
Contact: B.W. Briscoe
Phone: (204) 949-4811

PROJECT ACTION/STATUS

TOPIC:

NW-2597; Pasquia Polder III; Manitoba Water Resources Branch, Department of Natural Resources and Agriculture Canada (PFRA)

BACKGROUND:

The Water Resources Branch of the Manitoba Department of Natural Resources (MDNR), intends to undertake drainage of Pasquia Lake, near The Pas, Manitoba, and develop the area for agricultural use. Federal Government support funding has been designated for this project through the Prairie Farm Rehabilitation Agency (PFRA) although no funding has been committed at this time.

The total area involved in the proposed Polder III development is 88 square miles. The Pasquia Lake area is 36 square miles. Since approximately 1960, considerable drainage has been undertaken in immediately adjacent areas. Drainage ditches, dykes and pumping equipment have undergone continued maintenance and upgrading. Pasquia Polder III, in part, represents a continuation and expansion of marsh and shallow-lake drainage in the area. Cumulative environmental impacts of the long term development have not been studied.

In the summer of 1984, the Water Resources Branch submitted a report entitled "Summary Report on Proposed Reclamation of Polder III Pasquia Land Settlement Project", to the Manitoba Environmental Assessment and Review Agency (MEARA). Following review by provincial agencies and invited federal agencies, the province concluded that the project would "not create environmental disruption of a magnitude to warrant an environmental assessment". However, it also noted that federal agencies had reservations about the proposal. The federal agencies involved in the review (EP, DFO, CWS and Agriculture Canada) questioned the economic justification for the project and identified concerns over water quality, wildlife habitat loss and mitigation, and crop depredation by waterfowl.

In addition to providing input into the provincial review, EP (MDO) advised PFRA that, because of the proposed expenditure of federal funds, an environmental review should be conducted according to the Environmental Assessment and Review Process Guidelines Order. Subsequently, in September 1986, PFRA distributed a report entitled "An Initial Environmental Assessment of the Pasquia Polder III Proposal, September, 1986". This report was reviewed by DFO, EP, IWD and CWS and detailed comments on the report were provided with a covering memo from G.R. Kerr (Regional Director, CWS, W&N Region) to G.H. MacKay (Director, Manitoba Affairs, PFRA) which highlighted the federal concerns. Mr. MacKay acknowledged receipt of the memo and noted the concerns in a letter dated December 22, 1986.

On November 19, 1986, a meeting was held to discuss the concerns of The Pas Indian Band. Represented at the meeting were MDNR (N. Carter, Deputy Minister (MDNR)); Special Forebay Committee; Manitoba Resource Development Impacts Office (MRDIO, INAC); The Pas Band and H. MacKay (PFRA).

.../2

Subsequently The Pas Band hired a consultant (B. Sopuck) to set out proposed measures to compensate for environmental and traditional lifestyle losses. CWS met with the consultant to provide baseline data and advice.

The consultant's report, entitled "The Effects of the Pasquia Polder III Proposal on Wildlife and Recommendations for Mitigation" was completed on January 31, 1987. On April 9, 1987, a meeting was held in The Pas to discuss the findings in the report. Attending the meeting were D. Stewart and B. Clarkson (MDNR), the Chief and councillors of The Pas Band, H. MacKay (PFRA), representatives of MRDIO, P. Boothroyd (CWS), R. Sopuck and M. Kaufman (the Band's lawyer).

In a letter dated April 29, 1987, D. Stewart offered what MDNR considered to be suitable mitigation. The Pas Band did not fully accept this offer and another meeting was held at The Pas on July 3, 1987, to resolve disagreements. Discusssions at this meeting resulted in a letter from Chief O. Lathlin to D. Stewart, dated July 27, 1987, in which he layed out what The Pas Band was ready to accept as mitigation. At the time of this report, no response from D. Stewart was available.

KEY ISSUES:

Main concerns relate to the destruction of wildlife habitat, which has been occurring in The Pasquia Lake area on an incremental basis for approximately 35 years. Associated concerns are mitigation of habitat loss, crop depredation and contamination of surface and ground water.

STATUS:

The Pas Band is waiting for a response from MDNR to their proposed mitigation package. PFRA is waiting for an agreement to be reached between the Province and The Pas Band on mitigation before resuming active involvement in the project.

FUTURE ACTION:

CWS is continuing monitoring progress/new developments and will offer further advice/input if required.

Prepared by: D.H. Bergman (EP)/
P. Boothroyd (CWS)
Originated: July 25, 1986
Updated: January 26, 1987
Updated: August 11, 1987

Lead: CWS
Contact: P. Boothroyd
Phone: (204) 983-5261

PROJECT ACTION/STATUS

NORTHWEST TERRITORIES

NW-6823	Beaufort Sea/Mackenzie Delta Region Hydrocarbon Production and Transportation (EP)
NW-10418	Highwood Resources - Thor Lake Beryllium Project (EP)
NW-10821	DND Low Level Flights (EP)
NW-10584	North Warning System (EP)
NW-11183	Neptune Resources Corp. - Colomac Gold Mine Project (EP)

PROJECT ACTION/STATUS

TOPIC:

NW-6823; Beaufort Sea/Mackenzie Delta Region Hydrocarbon Production and Transportation; DIAND; Northwest Territories and Yukon

BACKGROUND:

Proposal is for oil and gas development in the Beaufort Sea/Mackenzie Delta Region, and for transportation to southern markets using pipelines or ice-breaking tankers. Project referred to FEARO by DIAND, July, 1980. On behalf of more than 40 companies holding exploration permits in the region, three companies, Dome Petroleum Ltd., Esso Resources Canada Ltd., and Gulf Canada Resources Inc., prepared and submitted a detailed EIS to the Panel November, 1982. Additional information was submitted June, 1983. Public hearings were held (September 14, to December 16, 1983); the Panel report was released July 1984, proposing conditional approval. DOE participated extensively in the hearings, to question the proponents, table environmental concerns, and answer questions. DOE Project Team analyzed Panel report and recommendations, and gave rough cost estimates for implementing the recommendations that were beyond present A-Base. These were reviewed at the March, 1984, SMC meeting. Services were asked to implement Panel recommendations by including them in operational and work plans. DOE reviewed its NOGAP proposals and focussed these on the Panel recommendations. DOE suggested a federal response be made to the Panel report.

KEY ISSUES:

Potential environmental impacts both on and offshore, and on native life-styles resulting from petroleum development in Beaufort Sea/Mackenzie Delta Region. Ability of governments to properly respond to and regulate development, in terms of basic prior research needed on which to base decisions, policy, government infrastructure and monitoring.

STATUS:

The DOE Project Team has completed, printed and distributed its final report on the Panel recommendations; the Services are implementing some recommendations for which they have specific responsibilities.

FUTURE ACTION:

Monitor industry progess in Beaufort development. Monitor the implementation of recommendations for which DOE is responsible (some cannot be actioned until there is an actual project).

Prepared by: K.B. Switzer
Phone: (403) 468-8066
Originated: December 17, 1985
Revised: February 5, 1986
Updated: January 7, 1988 (WF)

Lead: EP
Contact: W. Fenton
Phone: (403) 468-8013
and: G. Packman
(403) 873-3456

PROJECT ACTION/STATUS

TOPIC:

NW-10418 Thor Lake Beryllium/Rare Earths Mine; DIAND; Highwood Resources Ltd.

BACKGROUND:

Highwood Resources Ltd. has proposed development of a beryllium/rare earths mine at Thor Lake, NWT; approximately 100 km southeast of Yellowknife, just north of the Hearne Channel of Great Slave Lake. Mine development is at an advanced stage of exploration. Bulk sampling to confirm ore metallurgy was ongoing during 1985, 1986 and 1987. A winter access road from Great Slave Lake to this site was under construction in 1986 and issued in 1987.

KEY ISSUES:

Beryllium and rare earths deposits are somewhat unique. Impacts from development of this deposit are uncertain given the lack of experience in the W&N Region with minerals of this type. Concerns may exist because of:

(a) uncertainty over milling and tailings treatment technology
(b) limited information on the environmental toxicology of beryllium, rare earths and related compounds
(c) possible extension of a winter road into this area from the Terra Mines Ltd. Bullmoose Lake Gold project or along Great Slave Lake from Yellowknife. Contingency planning and spill prevention/response for fuel and hazardous material transport may become an issue.

Also, the project may prove to be controversial due to the local perception that beryllium is only used by the nuclear industry (beryllium is used in reactor shields and protective shields in nuclear weapons; it is also used in computer wiring, "high tech" steel alloys and other communications and biomedical research purposes).

STATUS:

DIAND has requested Highwood Resources to prepare an Initial Environmental Evaluation (IEE) for the project. Guidelines were issued in the winter of 1985. While exploration has continued, the proponent has yet to submit a response to DIAND's request.

FUTURE ACTION:

Highwood Resources may to submit an IEE to DIAND sometime within the next six months. EP-NWT District Office will coordinate review of this document with assistance from the Regional Mining Committee (RMC) and provide advice to DIAND.

Prepared by: Warren Fenton
Phone: (403) 468-8013
Originated: January 21, 1986
Updated: June 23, 1987

Lead: EP - NWT
Contact: Glen Packman
Phone: (403) 873-3456

PROJECT ACTION/STATUS

TOPIC:

NW-10821 DND Low Level Flights; DND; U.S. Air Force Strategic Air Command (SAC)

BACKGROUND:

The Department of National Defence (DND) in conjunction with the U.S. Air Force Strategic Air Command, has proposed a series of annual low-level training flights over the next several years. The proposal will involve up to 100 aircraft (B-52's, FB-111's and BIB's) flying at low levels over at least four one-day periods, in each quarter. The proposed route will initiate north of the East Arm of Great Slave Lake, proceed south to the Alberta border into northwestern Saskatchewan, south to the Primrose Lake area and west into CFB, Cold Lake, Alberta.

DOE provided preliminary input to DND at a meeting held in Edmonton in early December, 1985. DND was advised that impacts were likely to be minor if the route avoided key wildlife habitats and communities. Development of a contingency plan for accidents/emergencies and early consultation with GNWT, INAC, the provinces and local communities were also recommended.

The provinces of Alberta and Saskatchewan, GNWT and INAC were advised of the proposal early in 1986 and have been kept informed since that time. A consultative meeting chaired by DND was held with all government agencies interested in the environmental review in early August. A meeting with government agencies and public interest groups was held in Yellowknife on Dec. 10/86. Environment Canada attended both meetings. Similar meetings with the public were not held in for Alberta and Saskatchewan.

DND requested that SAC complete an Initial Environmental Evaluation for the proposal. Environmental Sciences Ltd. (ESL) completed this work. The IEE was released for review in May, 1987. DOE comments have been provided directly to DND in a coordinated Departmental response on the entire route and through DIAND's Regional Environmental Review Committee (RERC) for NWT portions of the route.

KEY ISSUES:

- Concern over potential noise impacts on wildlife and people (hunters, trappers, fishermen, tourists, etc.).

- Potential conflict with spring and fall bird migration and wilderness values of proposed East Arm National Park (Great Slave Lake).

- DND/SAC failure to consult with provinces and GNWT early in the planning process. Limited opportunity for community/public involvement during review of IEE.

- Contingency planning for emergencies or accidents.

.../2

- Need for follow-up to ensure implementation of appropriate mitigation during actual exercises.

- General opposition by some members of the public to military exercises in the NWT and western Canada.

STATUS:

DOE has provided comments on the Draft IEE. A revised, final IEE will be distributed for review before the end of October, 1987.

FUTURE ACTIONS:

Respond to DND's consultant if/when requested for data.

Review of the revised, final IEE when it becomes available.

Continue to liaise with other review agencies such as DIAND, Alberta Environment, Saskatchewan Environment and Public Safety and the Government of the Northwest Territories.

Prepared by: W. Fenton
Phone: (403) 468-8013
Originated: June 12, 1986
Revised: 10 October, 1986
Revised: 28 November, 1986
Revised: 02 January, 1987
Revised: 17 July, 1987
Revised: 22 October, 1987

Lead: EP
Contact: W. Fenton
Phone: (403) 468-8013

PROJECT ACTION/STATUS

TOPIC:

NW-10584; North Warning System; DIAND; DND

BACKGROUND:

In cooperation with the U.S. Air Force, the Department of National Defence (DND) is replacing the outdated Distant Early Warning (DEW) Line with the North Warning System. The North Warning System will include the construction of 11 Long Range Radar (LRR) sites, 5 Logistics Support Sites (LSS), 36 Short Range Radar (SRR) Sites and an undertermined number of Forward Operating Sites. The sites will be constructed across the North, from Alaska to the Maritimes, over the next 6 years.

KEY ISSUES:

Environmental issues are basically site specific and include sensitive wildlife and habitat, fuel storage and handling, and domestic, solid and hazardous waste management.

STATUS:

The IEE is being prepared in three parts. The first deals with the LRR sites and the short range radar training and development site. The second part deals with the SRR and LSS sites and the third will address the forward operating sites. A draft of Volume I was submitted to DOE for review in June, 1987. The DOE review of the draft identified issues such as the lack of environmental protection plans, mitigation measures and details about abandonment for LRR sites. The final version of Volume 1 was received in early December, 1987. A coodinated review will be completed by mid-January, 1988. Volumes 2 and 3 have not yet been completed.

FUTURE ACTION:

A coordinated review of each of the volumes will be undertaken and comments/advice will be provided to DND and DIAND (the initiator).

Prepared by: K. Rothwell
Phone: (403) 468-8016
Originated: April 29, 1987
Updated: July 22, 1987
Updated: January 07, 1988

Lead: EP
Contact: G. Packman
Phone: (403) 873-3456

PROJECT ACTION/STATUS

TOPIC:

NW-11183; Neptune Resources Corp. - Colomac Gold Mine Project

BACKGROUND:

Neptune Resources has applied for a Water Licence for its Colomac Lake pilot project. The company plans to use open pit mining to obtain low grade ore and extract the gold using cyanide in a vat leaching process. Neptune plans to start the pilot project in the summer of 1987 and run it until the spring of 1988. If successful, Neptune will prepare an IEE for the full-scale operation and apply for a Water Licence to enable it to begin operations in 1989.

The ore will be placed in vats lined with heavy gauge polyethylene and leached with cyanide over a period of months. When leaching is complete, the cyanide solution will be withdrawn, the gold recovered, and the effluent will be treated in the pilot project using the SO_2 air process. In the full-scale operation the effluent will be treated using a patented "Sci-Tech" process. Groundwater around the vat will be monitored to ensure that any leaks are detected before there is serious environmental damage.

KEY ISSUES:

Maintenance of aquatic environmental quality, effluent treatment, reclamation and abandonment, protection of critical fish habitat (spawning/rearing areas, migration routes), eventual large-scale development, winter or all season road access to newly opened-up area.

STATUS:

An NWT Water Board public hearing was held on April 28, 1987, and a draft Water Licence for the pilot project has been prepared. EP/NWT is involved in designing programs to ensure that there will be an adequate information base on which to assess the impacts of the full-scale operation.

FUTURE ACTION:

EP will provide input to data requirements for the IEE and will co-ordinate review of the IEE. EP will also track compliance during the pilot project and intervene at the next Water Board Public Hearing.

Prepared by: G.A. Packman
Phone: (403) 873-3456
Originated: June 19, 1987

Lead: EP/NWT
Contact: G.A. Packman
Phone: (403) 873-3456

PART B

1987 REGISTRATION/ACTIVITY REPORT

TABLE 1

1987 CUMULATIVE PROPOSAL REGISTRATION AND PRESCREENING DATA
Referred to the RSCC for I: Information or D: Decision
T: Total

NUMBER OF PROJECTS REGISTERED

MONTH	NWT			Alberta			Saskatchewan			Manitoba			Month			Year		
	I	D	T	I	D	T	I	D	T	I	D	T	I	D	T	I	D	T
January	3	0	3	1	0	1	5	2	7	0	0	0	9	2	11	9	2	11
February	32	0	32	2	0	2	2	0	2	4	0	4	40	0	40	49	2	51
March	28	0	28	0	1	1	4	0	4	0	0	0	32	1	33	81	3	84
April	31	5	36	2	1	3	3	0	3	4	1	5	40	7	47	121	10	131
May	32	0	32	1	0	1	1	0	1	0	0	0	34	0	34	155	10	165
June	22	0	22	1	0	1	2	0	2	4	0	4	29	0	29	184	10	194
July	30	0	30	3	0	3	2	0	2	2	0	2	37	0	37	221	10	231
August	26	0	26	0	0	0	0	0	0	2	0	2	28	0	28	249	10	259
September	1	0	1	2	1	3	0	0	0	3	0	3	6	1	7	255	11	266
October	0	0	0	2	4	6	0	0	0	1	0	1	3	4	7	258	15	273
November	0	0	0	1	3	4	1	0	1	2	0	2	4	3	7	262	18	280
December	0	0	0	2	0	2	2	0	2	0	0	0	4	0	4	266	18	284
TOTALS	205	5	210	17	10	27	22	2	24	22	1	23	266	18	284			

TABLE 2

1987 PROPOSAL REGISTRATION DATA GROUPED BY REFERRING AGENCY

REFERRING AGENCY	NUMBER OF PROJECTS REGISTERED		
	INFORMATION	DECISION	TOTAL
Energy Reserves Canada			
Energy Mines & Resources			
Environment			
- Parks (Western Region) (227)	2	1	3
- Parks (Prairie & Northern Region)	1	0	1
F.E.A.R.O.			
Fisheries & Oceans	2	1	3
Inland Waters and Lands	3	1	4
Indian & Northern Affairs - I&IA	205	5	210
- NA	1	0	1
National Defence	1	2	3
Public Works	30	0	30
Regional & Industrial Expansion	1	1	2
Transport - CATA	5	0	5
- NWPA			
Atomic Energy Control Board			
Central Mortgage & Housing			
Canadian National Railway	5	0	5
Government of NWT	5	4	9
Alberta Environment	0	2	2
Saskatchewan Environment	2	0	2
Manitoba Environment	1	0	1
National Research Council			
R.C.M.P.	1	0	1
Health & Welfare Canada			
COGLA			
City of Yellowknife	1	0	1
Agriculture Canada	0	1	1
P.F.R.A.			
TOTALS	266	18	284

TABLE 3

1987 PROPOSAL REGISTRATION DATA GROUPED BY LEAD AGENCY

LEAD AGENCY	NUMBER OF REGISTERED PROJECTS TO DATE		
	INFORMATION	DECISION	TOTAL
DFO - Western Region			
CWS	0	1	1
AES - Central Region			
- Western Region			
IW/L - Western & Northern Region	0	2	2
PARKS - Prairie and Northern Region			
- Western Region (227)	0	1	1
EP - NWT District	205	5	210
- Alberta District	17	6	23
- Saskatchewan District	22	2	24
- Manitoba District	22	1	23
CFS			
CORE Secretariat			
TOTALS	266	18	284

TABLE 4

1987 REGISTERED PROPOSALS REFERRED FOR RSCC DECISION

MONTH	LEAD	REGISTRATION NUMBER	PROJECT TITLE
JANUARY	EP	NW-7156	Shand Power Plant, Sask.
	EP	NW-958	Collins Bay - Eagle Point Ore Deposit, Sask.
FEBRUARY	NIL		
MARCH	EP	NW-4201	General American Gas Plant - Ghost River, Alberta (Reactivated file)
APRIL	EP/RMC	NW-11184	Borealis Exploration Limited - proposed pilot-scale gold mine, NWT
	EP/RMC	NW-11193	Terra Mines Ltd. - Bullmoose Mine on Bullmoose Lake, NWT
	EP/RMC	NW-11183	Neptune Resources Corp. - Baton Lake, NWT
	EP/RHCC	NW-11182	Gulf Canada - Amauligak Seasonal Production Beaufort Sea Coast, NWT
	IW/L	NW-4263	Oldman River - Three Rivers Dam, Alberta (Reactivated file)
	EP/RDC	NW-2679	PWC - Maintenance Dredging on Lake Winnipeg and the Red River, Manitoba
	EP	NW-10584	DIAND - North Warning System
MAY	NIL		
JUNE	NIL		
JULY	NIL		
AUGUST	NIL		

TABLE 4 (con't)

1987 REGISTERED PROJECTS REFERRED FOR RSCC DECISION

MONTH	LEAD/SUPPORT	REGISTRATION NUMBER	PROJECT TITLE
SEPTEMBER	IW/L	NW-4412-1	Blood Erosion Control Project, Alberta
OCTOBER	EP	NW-4433	Daishowa Canada - Kraft Pulp Mill - Peace River, Alberta
	EP	NW-4435	MPLC Magnesium Plant - High River, Alberta
	PARKS	NW-4435-1	Magnesium Transportation - Kootenay National Park
	EP	NW-4436	PWC - Maintenance Dredging Programs - W&NR
NOVEMBER	CWS	NW-4387	Four Mountain Parks - Kootenay Review
	EP	NW-4440	DOT - Aircraft De-Icing, Western & Northern Region
	EP	NW-4438	Champion Forest Products (Alta.) Ltd. - Pulpmill expansion, Alberta
DECEMBER	NIL		

TABLE 5

1987 PROPOSAL STATUS REPORT REVIEW

INACTIVE PROJECTS

STATUS	LOCATION	REGISTRATION NUMBER	PROPOSAL TITLE	LEAD/SUPPORT	LEAD COORDINATOR	DATE LAST PSR ENTRY
	ALTA.	NW-4098-1	Cold Lake Heavy Oil Project	EP/RHOTSC	F. Zaal	30/01/86
		NW-4200	CNR Proposed Double Track - Edmonton to B.C. Border	EP/RTC	F. Zaal	30/01/86
		NW-4388	Military Training Centre - Longview	EP	F. Zaal	16/01/87
	SASK.	NW-971	McClean Lake Proposal	EP/RMC	D. Lawson	02/05/85
		NW-7068	Dawn Lake Ore Deposit	EP/RMC	D. Lawson	28/04/87
	MAN.	NW-2216	Patterson Dam	IWD/RHPC	R.D. Hofer	15/03/85
		NW-2437	Manitoba Hydro Proposal - Raising Minimum Water Levels on Cross Lake	DFO/HPCW.	B. Bond	21/03/85
	N.W.T.	NW-10349	Polar Gas - Mackenzie Pipeline Proposal	EP/RHPC	B. Wilson	22/06/87
		NW-10190	Bent Horn Project	EP	S. Howarth	22/06/87

TABLE 6

1987 REGIONAL MINING COMMITTEE ACTIVITY SHEET

PROJECT TITLE/ REGISTRATION NUMBER	ACTION REQUIRED	DATE INITIATED	REVIEWERS	COMPLETED est.	COMPLETED actual	COMMENTS	OTHER
NW-11184 Borealis Exploration Limited - proposed pilot-scale gold mine, N.W.T.	Review and comments on NWT Water Board water use application	Mar. 23/87	RMC N of 60°		April 15/87	completed	
NW-11193 Terra Mines Ltd. Bullmoose Mine project, N.W.T.	Review and comments on NWT Water Board intervention document	Mar. 27/87	RMC N of 60°	n/a	n/a	April 3/87 lead agency withdrawl of intent to intervene	
NW-11183 Neptune Resources Corp. Baton Lake gold mine N.W.T.	Review and comments on NWT Water Board intervention document	Mar. 18/87	RMC N of 60°		April 7/87	completed	Detailed review comments were used to support EP representation on TAC.
NW-7146 Cigar Lake Test Mine - EIS Saskatchewan	Review and comments to lead agency (EP) and AECB	April 8/87	RMC S of 60°		May 20/87	completed	
	Review final EIS and comments to lead agency (EP)	Aug. 31/87	RMC S of 60°		Nov. 9/87	completed	

TABLE 6 (Cont'd)

PROJECT NAME	ACTION REQUIRED	DATE INITIATED	REVIEWERS	COMPLETED est.	COMPLETED actual	COMMENTS	OTHER
NW-10418 Highwood Resources Ltd. - Thor Lake Beryllium Proposal, N.W.T.	Familiarization with proposal and potential environmental effects of uncommon minerals involved.	Nov. 23/84	EP/RMC		N/A		Ongoing
NW-958 Collins Bay A-Zone, D-Zone and Eagle Point Development Saskatchewan Final EIS	Review and comments to lead agency (EP) and AECB	June 16/87	RMC S of 60°		July 31/87	completed	
Revised Final EIS	Review and comments to lead agency (EP)	Oct. 20/87	RMC S of 60°		Dec. 15/87	completed	

TABLE 7

1987 REGIONAL DREDGING COMMITTEE ACTIVITY SHEET

PROJECT TITLE/ REGISTRATION NUMBER	ACTION REQUIRED	DATE INITIATED	REVIEWERS	COMPLETED est.	COMPLETED actual	COMMENTS	OTHER
NW-2679 PWC - Maintenance Dredging on Lake Lake Winnipeg and Red River, Manitoba	Review proposal and request modifications where necessary	April 22/87	Members		May 28/87	Recomendations were provided to EP, Winnipeg	
NW-4436 PWC - Class Assessment - maintenance dredging W&N Region	Review report once it becomes available	Oct. 29/87	Members			Ongoing	

TABLE 8

1987 REGIONAL HYDROCARBON COMMITTEE ACTIVITY SHEET

PROJECT TITLE/ REGISTRATION NUMBER	ACTION REQUIRED	DATE INITIATED	REVIEWERS	COMPLETED est.	COMPLETED actual	COMMENTS	OTHER
NW-11182 Gulf Canada Amauligak Seasonal Production, Beaufort Sea Coast, N.W.T.							
NW-7156-1 Rafferty and Alameda Dams (Sask. Power Corp.)	Review Project Specific Guidelines	Mar. 7/86	Members		Apr. 14/86		
NW-7156 Shand Generating Station (Sask. Power Corp.)	Review project	Dec. 9/86	Members		Jan. 5/87		

TABLE 9

1987 REGIONAL HYDROPOWER COMMITTEE ACTIVITY SHEET

PROJECT TITLE/ REGISTRATION NUMBER	ACTION REQUIRED	DATE INITIATED	REVIEWERS	COMPLETION DATE est	COMPLETION DATE actual	COMMENTS OTHER
NW-4409 Milk River Dam Alberta	Review EIS Reports	May 25/87	Members and associates		Aug. 27/87	
NW-7156 Rafferty Dam Saskatchewan (Sask. Power Corp.)	Review EIS	June 06/87	Members and associates		Sept. 14/87	
NW-4263 Oldman River Dam Alberta	Review EIS Reports	ongoing	Members and associates		Feb. 20/87 May 08/87 July 09/87	

TABLE 10

1987 REGIONAL TRANSPORTATION COMMITTEE ACTIVITY SHEET

PROJECT TITLE/ REGISTRATION NUMBER	ACTION REQUIRED	DATE INITIATED	REVIEWERS	COMPLETED est.	COMPLETED actual	COMMENTS	OTHER

No Committee Activity in 1987

TABLE 11

1987 REGIONAL TAR SANDS AND HEAVY OILS COMMITTEE

PROJECT TITLE/ REGISTRATION NUMBER	ACTION REQUIRED	DATE INITIATED	REVIEWERS	COMPLETED est.	COMPLETED actual	OTHER

No Committee activity in 1987.

TABLE 12

1987 COMMITTEES - AD HOC

PROJECT TITLE/ REGISTRATION NUMBER	ACTION REQUIRED	DATE INITIATED	REVIEWERS	COMPLETION DATE est	COMPLETION DATE actual	OTHER
NW-2370 Shoal Lake Development (Panel Project)	- Support Lead and Project Strategy Team (Dr. Macpherson, N. Tywoniuk, H. Gavin.)	May 14/81	Shoal Lake Committee	Aug./85	Aug./85 Aug./85	Panel actions have been on "hold" since 1985. Further delays will require re-drafting of DOE submission if the proponent reactivates the project.

No Committee Activitiy in 1987

TABLE 13

1987 RSCC SPECIAL ACTIVITIES

PROJECT NAME	ACTION REQUIRED	ACTION BY/ SUPPORT	COMPLETION DATE est.	COMPLETION DATE actual	OTHER
1. RSCC/EARP Information Program	Produce RSCC information package.	EP Lead/ Chairman		ongoing	Second draft prepared

TABLE 14

PROPOSALS CLOSED FOR RSCC PURPOSES IN 1987

Projects Closed from RSCC Agenda and Further Review		
1)	NW-4068	Marmot Basin Ski Area Development - Alberta (CWS)
2)	NW-10226	Nahanni National Park Management Plan - N.W.T. (CWS)*
3)	NW-10350	Bullmoose Lake Project - N.W.T. (EP)*
4)	NW-10659	Giant Yellowknife Mines - Application for Water Licence Renewal - N.W.T. (EP)*
5)	NW-11184	Borealis Exploration Limited - Proposed Pilot-scale Gold Mine - N.W.T. (EP)*
6)	NW-11193	Terra Mines Ltd. - Bullmoose Mine on Bullmoose Lake - N.W.T. (EP)
7)	NW-634	La Martre River Hydro Development - N.W.T. (DFO)
8)	NW-1148	Inuvik-Tuktoyaktuk Highway - N.W.T. (CWS)
9)	NW-9518	Emile River Diversion - N.W.T. (IW/L)
10)	NW-6330	Baker Lake Project - N.W.T. (EP) (file re-opened, 1988)
11)	NW-6391	Lened Project - N.W.T. (EP)
12)	NW-6736	Cadillac Exploration Prairie Creek Property - N.W.T. (EP)
13)	NW-6657	Indin Gold Ltd. - Indin Lake, N.W.T. (EP)
14)	NW-698-6	PWC Dredging - N.W.T. (CWS)
15)	NW-6861	Borealis Iron Mine Proposal - N.W.T. (EP)*
16)	NW-4322	Parks Canada Lumber Lease - Wood Buffalo National Park, Alberta (CFS)
17)	NW-4421	Rimrock Inn Expansion, Banff National Park, Alberta (EP)
18)	NW-7156	Shand Power Plant, Saskatchewan (EP)*
19)	NW-676-1	Regina Rail Relocation, Saskatchewan (EP)*

.../2 (cont'd)

* Project Action/Status Report attached

TABLE 14 (cont'd)

PROPOSALS CLOSED FOR RSCC PURPOSES IN 1987

Projects Closed from RSCC Agenda and Further Review	
20) NW-2484-1	Extension of the AECL Underground Research Laboratory Shaft, Lac du Bonnet, Manitoba (EP)*
21) NW-7166	Aberfeldy Steamflood Enhanced Oil Recovery (EOR) Project; Husky Oil; Saskatchewan (EP)*
22) NW-11182	Gulf Canada - Amauligak Seasonal Production - Beaufort Sea Coast, N.W.T. (EP)*
23) NW-10565	COGLA Exploration Agreements Relinquishments - N.W.T. (CWS)*

* Project Action/Status Report attached

PROJECT ACTION/STATUS

TOPIC:

NW-10226; Nahanni National Park Management Plan; DOE (Parks); NWT

BACKGROUND:

Parks Canada has completed a management plan for Nahanni National Park, NWT. The plan will guide the development and operation of the park for the next ten to fifteen years.

Several alternative concepts for Nahanni were identified by Parks Canada, based on differing potential levels of development. These alternatives were reviewed by DOE and were subjected to public input by Parks Canada. After a preferred alternative had been selected, a draft management plan was prepared and subjected to a second round of public review. This alternative is now being finalized, based on final public comments.

KEY ISSUES:

The level of development which should be permitted in Nahanni National Park. This could range from maintaining a pristine, wilderness park to maximum commercial development of tourist facilities.

STATUS:

A managment plan has been prepared and is in Ottawa awaiting the Minister's signature. At the Ministerial level some details remain to be settled with the government of the Northwest Territories before the plan is approved.

FUTURE ACTION:

Approval of the plan by the Minister, followed by implementation of the approved plan. RSCC will continue to provide advice to specific developments under the plan, as required.

Project Closed for RSCC purposes June 23, 1987.

Prepared by: R. Edwards
Phone: (403) 420-2525
Originated: September 27, 1985
Updated: December 18, 1985
Updated: September 12, 1986 (by E.S. Telfer)
Updated: June 23, 1987 - PROJECT CLOSED

Lead: CWS
Contact: R. Edwards
Phone: (403) 420-2525

PROJECT ACTION/STATUS

TOPIC:

NW-10350 Bullmoose Lake Gold Project; DIAND; Terra Mines Ltd.

BACKGROUND:

Terra Mines Ltd. has proposed development of a small gold mine at Bullmoose Lake, approximately 90 km southeast of Yellowknife, NWT. Development would initially consist of a 75 tonne per day "pilot plant" designed to prove the feasibility of a larger 300 tonne per day operation. The pilot plant stage would be completed during 1986/87. Full scale operations would begin in 1987/88.

KEY ISSUES:

Concerns exist over the ability to set adequate water license requirements given the absence of adequate baseline data on aquatic resources, tailings pond capacity and required waste treatment technology. Concerns also exist with respect to the proposed winter road transport of fuel and hazardous materials to the mine site over potentially sensitive recreation lakes and through a Territorial Park.

STATUS:

DIAND, with advice from the Regional Environmental Review Committee (RERC), concluded in early November 1985 that impacts associated with this project were known and could be mitigated and managed within existing regulatory processes. The NWT Water Board held a public hearing on November 17, 1985 to discuss water license requirements of the proposal. A DOE/DFO intervention was made at this hearing. Draft license requirements have been completed and are currently under review. Particular emphasis is expected to be placed on requirements for waste treatment feasibility studies and baseline studies on aquatic resources potentially affected by the project.

FUTURE ACTION:

EPS and DFO will continue to participate in negotiation of water license requirements in the Technical Advisory Committee (TAC) to the NWT Water Board. Further involvement of the RSCC or Regional Mining Committee is not anticipated.

PROJECT CLOSED: June 23, 1987

Prepared by: Warren Fenton
Phone: (403) 468-8013
Originated: January 20, 1986
Updated: June 23, 1987 PROJECT CLOSED

Lead: EPS - NWT
Contact: Glen Packman
Phone: (403) 873-3456

PROJECT ACTION/STATUS

TOPIC:

NW-10659 Giant Yellowknife Mines - Application for Water License Renewal; NWT Water Board; Giant Yellowknife Mines

BACKGROUND:

Giant Yellowknife Mines has operated a gold mine in Yellowknife since 1948. Current production rates are in the order of 1200 tonnes/day. Effluent is discharged to a tailings pond and treated through an alkaline chlorination-arsenic precipitation process. Treated wastewater is discharged to Back Bay in Great Slave Lake. This discharge is regulated under terms and conditions of a water license issued by the NWT Water Board.

The existing water license was last renewed in 1981. Renewal provided an opportunity to examine the effectiveness of GIANT's relatively new treatment system. EPS, NWT District Office presented an intervention on behalf of DOE at an NWT Water Board Hearing held in Yellowknife on November 27, 1985. Technical support to EPS/NWT was provided by the Regional Mining Committee (RMC).

KEY ISSUES:

Issues addressed by the DOE intervention included:

a) license limits - what limits can the treatment process meet?
   - what limits are required to protect aquatic life?
b) performance of the new treatment process
c) contingency planning
d) abandonment and restoration requirements
e) compliance with existing license

STATUS:

Amendments to the existing water license have been negotiated within the Technical Advisory Committee to the NWT Water Board (TAC). A new license will be issued in the near future.

FUTURE ACTIONS:

Further RSCC/RMC involvement in this project is not anticipated.
File closed November, 1986

Prepared by: Warren Fenton
Phone: (403) 468-8011
Originated: January 21, 1986
Updated: November 10, 1986

Lead: EPS, NWT District
Contact: Glen Packman
Phone: (403) 873-3456

PROJECT CLOSED

PROJECT ACTION/STATUS

TOPIC:

NW-11184; Borealis Exploration Ltd. - Proposed Pilot-scale Gold Mine; DIAND; N.W.T. Water Board

BACKGROUND:

Borealis Exploration Ltd. has applied to the Northwest Territories Water Board for a water licence to use water and dispose of waste associated with a pilot-scale gold mine on the Copperneedle River in the Keewatin District north of Eskimo Point.

The plan involves the processing of ore at a maximum daily rate of 200 tons per day with the gold being extracted using gravity separation. Tailings will be discharged to a small lake where they will be totally contained.

The company has applied for a one year licence.

KEY ISSUES:

Some of the key issued include fuel storage; contingency planning; abandonment and restoration; and, information requirements for a subsequent application to go into full-scale production.

STATUS:

An intervention has been prepared by EP/NWT and it will be presented at a hearing in Whale Cove, NWT, scheduled for June 23, 1987.

FUTURE ACTION:

EP/NWT will be involved in developing a draft licence for the pilot-scale operation which, among other things, will outline information requirements for the full-scale operation.

If the company intends to go to full-scale production, an IEE will be required as well as a new water licence.

Prepared by: G.A. Packman
Phone: (403) 873-3456
Originated: June 19, 1987

Lead: EP/NWT
Contact: G.A. Packman
Phone: (403) 873-3456

PROJECT CLOSED: June 23, 1987

PROJECT ACTION/STATUS

TOPIC:

NW-6861; Borealis Iron Mine Proposal; Melville Peninsula; DIAND; Borealis Exploration Ltd.

BACKGROUND:

Borealis Exploration Ltd. proposed in May 1980 to develop an iron ore mine and associated port facilities at Roche Bay, Melville Island. An all-weather road from Hall Beach and hydroelectric dam on the Ayerogatulik River were also proposed. A Draft IEE was submitted by Borealis to DIAND in December 1980. Deficiencies and suggestions for further field studies were provided to DIAND in early 1981. Since that time, Borealis has been revising the document and undertaking further exploration work at the site.

KEY ISSUES:

The original Borealis proposal was for a mega-project on a grand scale. Concerns existed with:

a) lack of baseline information on existing environmental conditions (eg. biological resources),
b) waste disposal options for the mine,
c) possible conflict with ungulate (caribou) calving areas.
d) terrain disturbance associated with all-weather road construction from Hall Beach,
e) possible conflict with significant waterfowl nesting and staging areas (Greater Snow Geese, brant, oldsquaw ducks),
f) potential waste discharges/spill potential associated with a major port development,
g) potential disturbance from shipping activity on mammals and waterfowl utilizing the Parry Bay polynya,
h) potential interference with nesting raptors along the Ayerogatulik River,
i) potential fisheries and fish habitat destruction from a dam on the Ayerogatulik River,
j) potential air emissions from crushing and tailings dust.

STATUS:

Serious interest in this proposal has almost disappeared due to the collapse in international markets for iron ore. There are many other more accessible deposits of iron ore that can be developed or already are in production. Borealis has continued exploration on the site; claiming to have found potentially commercial deposits of gold and silver. Actual development of the project, however, is believed to be speculative at this time.

.../2

FUTURE ACTIONS:

The lead for this project was transferred from CWS to EPS, NWT, on November 28, 1985. EPS will continue to monitor exploration at the site and advise the RSCC of any likely development activities.

File closed for RSCC purposes.

Prepared by: Warren Fenton
Phone: (403) 468-8011
Originated: January 21, 1986
Updated: November 10, 1986
PROJECT CLOSED: June 23, 1987

Lead: EPS, NWT District
Contact: Glen Packman
Phone: (403) 873-3456

PROJECT ACTION/STATUS

TOPIC:

NW-7156; Shand Power Plant; Saskatchewan Environment and Public Safety; Saskatchewan Power Corporation

BACKGROUND:

On February 12, 1986, Premier Devine of Saskatchewan announced construction of a new 600 Megawatt coal-fired thermal generating station at Shand, 10 Kilometres southeast of Estevan, Saskatchewan by the Saskatchewan Power Corporation. The announcement was part of a development package for southeastern Saskatchewan which included concurrent construction of the Rafferty and Alameda dam projects. All proposals were to be subjected to environmental review provisions of Saskatchewan's Environmental Assessment Act.

On November 28, 1986, Saskatchewan Environment formally requested Environment Canada contribute technical comments on Saskatchewan Power Corporation's Environmental Impact Statement (EIS) to the internal review phase of Saskatchewan's environmental impact assessment review process. Comments are expected to be provided to Saskatchewan Environment by January 19, 1987.

The second and final draft of the impact statement was reviewed with comments forwarded to Saskatchewan Environment and Public Safety, September 28th.

KEY ISSUES:

Environment Canada saw Saskatchewan Power make a commitment to meet the Codes of Good Practice for Steam Electric Power Generation and federal emission control guidelines. The plant being zero discharge answered previous water quality issues.

Concerns relating to projected sulphur removal by the ash need by addressed, as does waterfowl use of the various ponds at the site.

STATUS:

Project has received approval to proceed.

FUTURE ACTION:

No further action required. Emissions should be monitored during future operations to see if federal emission guidelines are being met.

Prepared by: John Harrison
Phone: (306) 780-6465

Lead: EP
Contact: John Harrison
(306) 780-6465

Updated: November 18, 1987
PROJECT CLOSED:

PROJECT ACTION/STATUS

TOPIC:

NW-676-1; Regina Rail Relocation, Phase 1 (CNR relocation); Transport Canada /City of Regina; Saskatchewan

BACKGROUND:

In 1981, an agreement was reached between Transport Canada, the City of Regina and Saskatchewan to cost-share the relocation of the Canadian National (CN) mainline and yard. Transport Canada's contribution is $23.75 million.

In 1984, the City of Regina filed an application (and EIS) with the Canadian Transport Commission (CTC) for the purpose of obtaining approval for the relocation of the CN facilities. In August 1987, the CTC gave conditional approval for this application after receiving evidence from the City of Regina, CN, and Canadian Pacific (CP) at a public hearing which concluded in May 1987. The application was altered during the CTC hearing to minimize concerns expressed by CN and CP concerning potential groundwater pollution from spills along the proposed rail corridor.

The rail companies have been unsuccessful to date in blocking rail relocation in the courts.

KEY ISSUES:

The rail companies and the Citizens for Alternate Rail relocation, a group of north Regina residents, base their opposition to this project partly on environmental grounds.

STATUS:

The EIS has been reviewed by the RSCC Transportation Committee and Transport Canada was advised that there were no major environmental concerns identified by this review.

FUTURE ACTION:

No further action is foreseen for Phase I. EP recommends that this project be CLOSED.

Prepared by: John Harrison
Phone: (306) 780-6465
Originated: September 1985
Updated: December 16, 1985
Updated: February 13, 1986
Updated: July 09, 1986
Updated: November 18, 1987

Lead: EP
Contact: John Harrison
Phone: (306) 780-6465

PROJECT ACTION/STATUS

TOPIC:

NW-2484-1; Extension of Underground Research Laboratory Shaft, Lac du Bonnet, Manitoba; AECL

BACKGROUND:

Atomic Energy of Canada, Ltd. (AECL) is constructing an underground research laboratory (URL) near Lac du Bonnet, Manitoba. In July, 1983, AECL released an Environmental Screening Report in which it was concluded that no nonmitigable adverse environmental or socio-economic effects would be created by the construction or operation of the URL. The United States of America entered into discussions with AECL during the summer of 1985 to undertake extending the depth of the shaft. Environment Canada and Manitoba Environment Workplace Safety and Health concluded that this was a significant departure from the initial project plan and warranted additional environmental screening.

KEY ISSUES

To ensure that an adequate and independent review of the AECL supplementary screening document for the expanded project is undertaken jointly by Environment Canada and Manitoba Environment and Workplace Safety and Health in accordance with the Federal Environmental Assessment and Review Process.

STATUS:

Environment Canada chaired an ad hoc environmental review committee consisting of departmental nuclear experts as well as representatives of Manitoba Department of Environment and Workplace Safety and Health and Manitoba Department of Natural Resources. The resulting environmental review report was sent to AECL on July 18, 1986. AECL's revised screening report was received by EP on January 12, 1987. Two outstanding concerns were raised with AECL in a letter of March 20. The concern on waste rock disposal was withdrawn by the Committee in a letter to AECL on June 5. On June 15, AECL adequately addressed the Committee's concern re: prior notification of use of radioactive tracers.

FUTURE ACTION

Periodic monitoring of AECL's minewater settling pond water quality will be undertaken by EP. EP and Manitoba Environment will monitor the implementation of their recommendations by AECL.

August 4, 1987: PROJECT CLOSED

Prepared by: D.H. Bergman
Phone: (204) 949-4815
Originated: January 29, 1986
Prepared by: B.W. Briscoe
Updated: July 18, 1986
Updated: February 02, 1987
Updated: August 4, 1987

Lead: EP
Contact: B.W. Briscoe
Phone: (204) 949-4811

PROJECT ACTION/STATUS

TOPIC:

NW-7166; Aberfeldy Steamflood Enhanced Oil Recovery (EOR) Project; Saskatchewan Environment and Public Safety; Husky Oil Ltd.

BACKGROUND:

The Aberfeldy Steamflood Pilot Project showed the feasibility of a commercial venture. The development project will produce approximately $800m^3$ of heavy crude oil per day. The initial stage of the development covers approximately 365 hectares, located 15 kilometres southeast of Lloydminster.

Directional drilling will be used to minimize the surface area needed to bring the venture into commercial production. Water for the project will be drawn from the North Saskatchewan River and will amount to $5200m^3$ per day.

This is the first commercial enhanced oil recovery project in Saskatchewan. It is subject to the provincial Environmental Assessment Act. As federal loan guarantees have been extended to the project, Energy, Mines and Resources as the initiator, implemented EARP. Environment Canada provided its review to the federal initiator and Saskatchewan Environment.

KEY ISSUES:

Cumulative environmental impacts of additional Enhanced Oil Recovery (EOR) projects in area relating to waste management, wastewater treatment and water recycling.

STATUS:

The Environmental Impact Statement (EIS), received from Saskatchewan Environment, was reviewed by the Regional Tar Sands and Heavy Oil Committee. The review was directed towards air quality (particularly SO_2 dispersion) and waste management, with special emphasis on waste water. One area of investigation was the recycling of produced water, thereby decreasing the need for fresh water. The EIS was approved by the Saskatchewan Minister of Environment.

The project is now operational.

FUTURE ACTION:

Monitor progress of development to see the company implements water recycling and waste management plans.

EP recommends that the project now be closed for RSCC purposes until decommissioning when the project may be reactivated.

Prepared by: John Witteman
Phone: (306) 780-6464
Originated: October 1, 1985
Updated: December 19, 1985
Updated: February 11, 1986
Updated: July 15, 1986
Updated: August 19, 1987 - PROJECT CLOSED

Lead: EP
Contact: John Witteman
Phone: (306) 780-6464

PROJECT ACTION/STATUS

TOPIC:

NW-11182; Amauligak Seasonal Production - Beaufort Sea Coast; Gulf Canada; DIAND

BACKGROUND:

Gulf has applied for Development Plan Approval for its project to produce and ship crude oil from its Amauligak F-24 wellsite, on a seasonal basis.

Gulf plans to drill two development wells at the F-24 site using the Mobile Arctic Caisson Molikpaq. Drilling will take place this fall and winter and seasonal production will begin in the summer of 1988. The produced oil will be stored in the hull of the caisson, loaded aboard shuttle tankers, and transported to a larger tanker standing-by off Barrow, Alaska. One or two shuttle tankers will be used and the time required for a round trip will be 7 days.

KEY ISSUES:

Some of the key issues include: contingency planning, the storage of oil in Molikpaq over the winter, oily discharges and effects monitoring.

STATUS:

Review by the Regional Environmental Review Committee (RERC) has been completed. It was decided that the project did not warrant referral to FEARO. A list of recommendations on issues to be addressed in the regulatory process was forwarded to COGLA. Review of this project has been completed.

FUTURE ACTION:

This file should be closed with respect to RSCC activity. Specific issues will be addressed through the regulatory process.

Prepared by: G.A. Packman
Phone: (403) 873-3456
Originated: June 19, 1987
Updated: August 24, 1987

Lead: EP/NWT
Contact: G.A. Packman
Phone: (403) 873-3456

PROJECT CLOSED

PROJECT ACTION/STATUS

TOPIC:

NW-10565 Exploration Agreements Relinquishments; COGLA

BACKGROUND:

Relinquishment of parcels included in Exploration Agreements was not a requirement of the now-repealed Canada Oil and Gas Act, contrary to what was indicated in the previous PA/S. Nor is there any provision for relinquishment in the new Canada Petroleum Resources Act. The requirement for relinquishment was imposed by COGLA in order to free-up lands held by oil companies; 50% of the lands were brought back as a result of relinquishment. Other lands have returned to the Crown as agreements expired.

As a result, no further relinquishment process is anticipated. When parcels are being considered by COGLA in the future for posting and bidding by oil companies, COGLA's Environmental Protection Branch will determine the existence of any conservation concerns applying to these parcels. At their discretion, they may solicit the views of outside agencies such as DOE and DFO.

KEY ISSUES:

No longer a current issue.

STATUS:

Topic has lapsed.

FUTURE ACTION:

No further action anticipated. Project should be closed.

Prepared by: Warren Fenton
Phone: (403) 468-8013
Originated: January 21, 1986
Updated: October 13, 1987 (Boothroyd)

Lead: CWS
Contact: P. Boothroyd
Phone: (204) 983-5261

PART C

RSCC AND REGIONAL COMMITTEES

1987 MEMBERSHIP

REGIONAL SCREENING AND COORDINATING COMMITTEE
WESTERN AND NORTHERN REGION

Members		Service	Location
Dr. N. Tywoniuk, Chairman		RDGO	Edmonton
Dr. R. McV.Clarke		DFO	Winnipeg
Mr. W.D. Hume	(Western Region)	AES	Edmonton
Mr. D.G. Shaefer	(Central Region)	AES	Winnipeg
Mr. S. Zoltai		CFS	Edmonton
Dr. P. Addison - Alternate		CFS	Edmonton
Mr. D. Donald		IW/L	Regina
Mr. D. Gregor - Alternate		IW/L	Regina
Mr. P. Boothroyd		CWS	Winnipeg
Mr. W. Fenton		EP	Edmonton
Mr. D. Kerfoot (Prairie & Northern Region)		PARKS	Winnipeg
Mr. R.D. Wickstrom - Alternate		PARKS	Winnipeg
Dr. B. Leeson	(Western Region)	PARKS	Calgary

Secretariat

Ms. D. Lorieau		EP	Edmonton

RSCC REGIONAL COMMITTEES
WESTERN AND NORTHERN REGION

1. Regional Mining Committee

Members	Service	Location
Mr. B. Armstrong, Co-Chairman	EP (N 60°)	Edmonton
Mr. R.F. Hopkinson, Co-Chairman	*AES (N&S 60°)(E 110°)	Regina
Mr. B. Thomson	*AES (N&S 60°)(W 110°)	Edmonton
Mr. P. Boothroyd	CWS (N&S 60°)	Winnipeg
Mr. B. Olding	IW/L(N 60°)	Yellowknife
Mr. D. Donald	IW/L(S 60°)	Regina
Mr. B. Fallis	DFO (N&S 60°)	Winnipeg
Dr. M.J. Apps	CFS (N&S 60°)	Edmonton

* AES Western/Central Regional division essentially 110° longitude; RMC Co-Chairman S of 60° reviews for AES, N & S of 60° (E of 100°)

2. Regional Dredging Committee

Members

Mr. P.N. Boothroyd, Chairman	CWS	Winnipeg
Mr. J.N. Stein	DFO	Winnipeg
Mr. W. Fenton	EP	Edmonton
Mr. J. Harrison	EP (Sask. Projects)	Regina
Mr. D. Donald	IW/L	Regina

3. Regional Transportation Committee

Members

Mr. S. Zoltai, Chairman	CFS	Edmonton
Mr. P. Boothroyd	CWS	Winnipeg
Ms. A.M. Ault Brakel - Alternate	EP	Edmonton
Mr. J. Harrison - Alternate	EP (Sask. Projects)	Regina
Mr. M.D. Drews - Alternate	AES	Edmonton
Mr. B. Atkinson - Alternate	AES (Man. Projects)	Winnipeg
Mr. G.A. McKinnon	DFO	Winnipeg
Mr. D. Donald	IW/L	Regina
Mr. J.L. Fowler - Alternate	IW/L	Yellowknife

4. Regional Hydropower Committee

Members	Service	Location
Mr. D. Donald, Chairman	IW/L	Regina
Mr. Bill Bond	DFO	Winnipeg
Mr. P. Boothroyd	CWS	Winnipeg
Mr. W. Fenton	EP	Edmonton
Mr. J. Harrison	EP (Sask. Projects)	Regina
Mr. M.D. Drews	AES	Edmonton

5. Regional Hydrocarbon Committee

Members

Mr. P. Boothroyd, Chairman	CWS	Winnipeg
Mr. M. Lawrence	DFO	Winnipeg
Dr. S. Zoltai	CFS	Edmonton
Mr. D. Woo	EP	Edmonton
Mr. M.N. Parker	AES	Edmonton
Mr. B. Atkinson	AES	Winnipeg
Mr. D. Donald	IW/L	Regina

6. Regional Tar Sands and Heavy Oils Committee

Members

Mr. V. Marwaha, Chairman	EP	Edmonton
Mr. J. Witteman	EP	Regina
Mr. P. Boothroyd	CWS	Winnipeg
Mr. R.F. Hopkinson	AES	Regina
Mr. B. Thomson	AES	Edmonton
Mr. W.D. Hume (Alternate)	AES	Edmonton
Mr. B. Bond	DFO	Winnipeg
Mr. D. Donald	IW/L	Regina

7. Ad Hoc Committee - Shoal Lake

Members

Mr. B. Briscoe	EP	Winnipeg
Mr. P. Boothroyd	CWS	Winnipeg
Mr. K. Chang-Kue	DFO	Winnipeg
Mr. B. Atkinson	AES	Winnipeg
Dr. K. Thomson	IW/L	Regina
Mr. S. Zoltai	CFS	Edmonton